



The
CHEMIST AND DRUGGIST
for RETAILER - WHOLESALER - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

0. 3 2 8 2
DL. CXXXIX

JANUARY 2, 1943

Annual Subscription (with
Diary) 25/- Single Copies 9d.

Allenburys
TRADE MARK

**DEXTRIN-
MALTOSE**

**THE IDEAL CARBOHYDRATE
FOR MILK MODIFICATION**

ADEQUATE SUPPLIES ARE AVAILABLE

ALLEN & HANBURYS LTD · LONDON · E · 2

TELEPHONE: BISHOPSGATE 3201 (12 LINES). TELEGRAMS: GREENBURYS, BETH, LONDON.

Our Output of

Euthymol TOOTH PASTE

is strictly controlled !

Consequently, the present abnormally increased demand for this line (far in excess of our controlled output) compels us, in turn, to ration supplies to the trade.

We are endeavouring to distribute our limited production as fairly as possible, taking into account any fluctuations in population, or local variations in purchasing power of the public.

We believe that, so far, every pharmacist buying Euthymol Tooth Paste direct from us has received at least as much as he did in 1939.

WE do not wish to increase our correspondence unduly, but any pharmacist who has reasonable grounds for feeling that he may not have been equitably treated in this matter is invited to report to us.

PARKE, DAVIS & CO.
50 Beak St., London, W.1
Inc. U.S.A., Liability Ltd.

Show 'Elasto'—It Sells on Sight!

It's advertised as a Chemist's Line



ONE SHILLING AND SIXPENCE PROFIT ON EVERY SALE

ELASTO Advertising is Nation-wide and Consistent. An ever-increasing demand for this product is being created at your very door; a slight effort on your part will bring this new and profitable business to your counter. An 'Elasto' showcard displayed in your window will bring most gratifying results. You can recommend Elasto with confidence for: Varicose Veins, Bad Leg, Piles, Heart Troubles, Rheumatism, Bad Circulation, etc. A tablet Remedy easy to handle and reliable.

NEW REDUCED
PRICES:
P.A.T.A.

Retail Price 5/- per pkt.
* Including purchase tax.

Wholesale 42/- per doz.
* Including purchase tax.

A FEW SHOW CARDS STILL AVAILABLE

The NEW ERA TREATMENT CO. LTD.

DEPT. R

CECIL HOUSE, HOLBORN VIADUCT, LONDON, E.C.1

The *frills have gone..*

... and the note of austerity is now evident in the reduced, though still wide, range of Toilet Preparations which we offer today.

We take great pride in keeping intact our century-old Goodwill by distributing our available quota fairly amongst our Retail and Wholesale friends. Despite the unavoidable difficulties of these times, our reputation for the highest of quality is being maintained.

GROSSMITH

*Makers of Fine Perfumery and Toilet Soaps
for over 100 years.*

J. GROSSMITH & SON, LTD., 229-231, HIGH HOLBORN, LONDON, W.C.1.



Collosol Iodine Crookes'

Collosol Iodine may be administered by the oral, subcutaneous or intravenous route without danger of toxic manifestations or of iodism. It has produced marked results in the treatment of rheumatism, actinomycosis, enlarged glands and goitre, the pneumonias, iodine deficiency, venereal disease, etc., and has a wide application in gynaecology.



ANOTHER YEAR has passed and we send new greetings. Not in the form of our usual cartoon — for obvious reasons. But the Pepsodent 'cleaners' are still with you and in a very practical form.

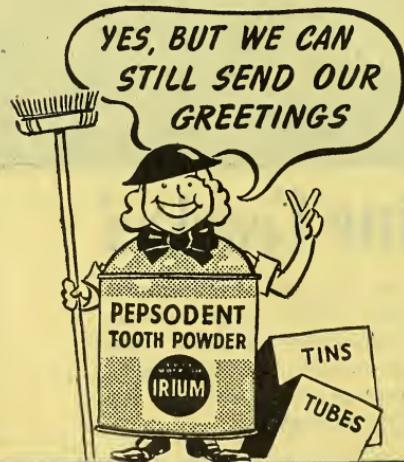
Our representatives have not been able to get round to you all as frequently as we would like owing to war conditions, but they have done their best and, if they have not managed it this year, we hope they will be more successful next.

Supplies have kept up in a remarkable manner, but, unfortunately, there have been times when we have had to curtail the larger orders to enable us to effect as complete a distribution as possible. We have felt that this is the fairest policy, thus enabling all our customers to have at least some supplies.

Let us hope it will not be long before we can continue along normal lines and that we can all proceed along the line for progress that 'peace time' alone can produce.

May we in the meantime extend our sincere wishes to you and, at the same time, thank you for your continued very good co-operation.

PEPSODENT LTD



NEW SACCHARIN POCKETS

Conforming to the new
Order

IMMEDIATE DELIVERY

ALF. HARRISON & SONS, LTD.

Chemists' Printers

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Calcium Compound*

'Calfos,' which is derived from natural sources, supplies calcium and phosphorus in a palatable, concentrated form which ensures absorption in the correct physiological ratio.

Widely advertised to
the medical profession

CALFOS LTD.

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Box of 50 tablets	2/6	20/-	3/4	2/9 $\frac{1}{2}$
Box of 120 tablets	4/9	38/-	6/4	5/3 $\frac{1}{2}$
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to Hospitals, Public Institutions, Local Councils, &
REMEMBER that

BURT, BOULTON & HAYWOOD LTD. Managers
the **PRINCE REGENT TAR COMPANY, LTD**

give you special terms.

Carbolic Disinfecting Fluids containing 10% to 80% Tar Acids.

White Disinfecting Fluids—miscible in salt, fresh or brackish water, Co-efficients 18/20, 22/24.

Lysol B.P. Quality.

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Carbolic Sheep Dips, approved by the Ministry of Agriculture under the Sheep Scab order.

Carbolic Disinfecting Fluids, Rideal Walker Co-efficients 2 to 20.

Liquid Carbolic and Cresyl c Acid, Pale, 99/100%.

Formaldehyde (Formalin) 40% Solution.

Carbolic Weed Killer, etc.

Tar Acids and Rideal Walker Co-efficiency guaranteed. May be sold by Chemists and Druggists under own name. Special Disinfectant Fluids approved by the Ministry of Agriculture under the "Diseases of Animals Acts." May be packed and sold by Chemists under own name.

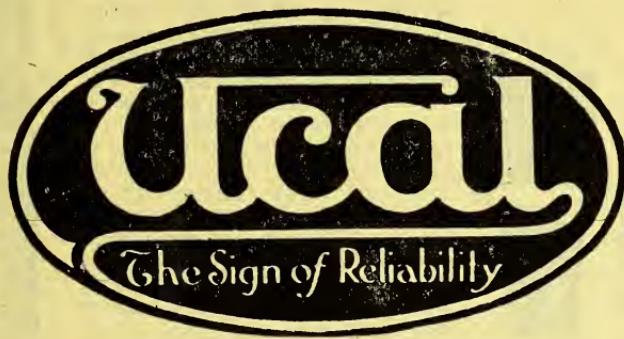
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PRINCE REGENT TAR COMPANY, LTD

(Managers: **BURT, BOULTON & HAYWOOD, LTD.**)

BRETTENHAM HOUSE, WELLINGTON STREET, STRAND, LONDON, W.C.
Phone: Temple Bar 5901 (5 lines)

Telegrams: "Burboul, Strand, London"



The Name the
public associates
with Quality
after 32 years of
trial

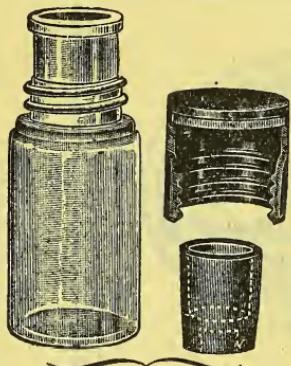


UNITED CHEMISTS ASSOCIATION LIMITED
UCAL WORKS, CHELTENHAM

The 'Clinbritic' Vaccine Bottle

Patent No. 492200

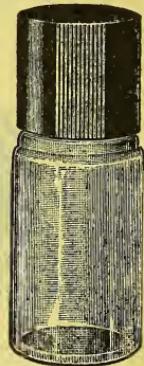
MADE IN WOOD'S ALKALI FREE AMBER or WHITE GLASS



Assembly Details

A new type of Multiple injection "vaccine" bottle which possesses several points of interest and offers a very near approach to the ideal. No Wiring is necessary, and there is no distortion or bursting of the rubber cap even at pressures up to 50 lbs.

The india rubber vaccine cap, of special design, is protected by a screw bakelite cap, and provision is made for maintaining the sterility of the outside surface of the vaccine cap. No manipulation whatever is required after sterilization.



Completed

Samples, Prices and Full Details on Request

Britton, Malcolm & Waymark, Ltd.
38 Southwark Bridge Road, London, S.E.1

Cod liver oil

Our well-known Grimsby Cod Liver Oil Preparations are still available including:—

GRIMSBY SILVER MEDAL BRAND PURE COD LIVER OIL

GRIMSBY 50% COD LIVER OIL EMULSION

(with or without Hypophosphites)

MALT EXTRACT WITH COD LIVER OIL

MALT EXTRACT WITH HALIBUT LIVER OIL

COD LIVER OIL CAPSULES HALIBUT LIVER OIL CAPSULES

HALIBUT LIVER OIL SUN RAY BALM (Cod Liver Oil Ointment)

ORANJUICE A-D (Halibut Liver Oil with Concentrated Orange Juice)

Some of the above Products are in restricted supply, but distribution is being maintained as evenly as possible.

We receive many enquiries every day for local agents' addresses—see to your stock of these celebrated Grimsby Preparations.

Full details and prices on application.

FAIRBANK KIRBY (GRIMSBY) LIMITED, Manufacturing Chemists,
15 Prize Medals awarded **ROPERY STREET, GRIMSBY**

IMPORTANT ANNOUNCEMENT by

Van Williams

owing to the enormous increase in manufacturing costs and our anxiety to conserve the high quality of our products, it has become necessary to raise the prices of some of our lines as under. It will be noted that where the prices are altered the Retailers profit margin is higher in each case.

● These new prices became operative as from January 1st, 1943

	NEW TAX-INCLUSIVE RETAIL PRICE	NEW BASIC WHOLESALE PRICE	NEW TAX-INCLUSIVE WHOLESALE PRICE
ORDINARY GRADE HENNA SHAMPOO	6d. Per Pkt.	37/6 Per Gross	50/- Per Gross
CAMOMILE SHAMPOO	6d. "	37/6 "	50/- "
* GRADUATED HENNA Application Shampoo	1/7 Per Pkt.	9/- Per Doz.	14/- Per Doz.
HENNA & CAMOMILE Application Shampoo	1/7 "	9/- "	14/- "
TUNISIAN HENNA	2/3 Per Pkt.	13/- Per Doz.	20/8 Per Doz.

* Temporarily discontinued.

OTHER LINES WITH PRICES UNALTERED

WAVE SET	9d. Per Bot.	4/- Per Doz.	6/8 Per Doz.
BRILLIANTINES All Grades	1/10 "	10/- "	16/8 "
SPECIAL TUNISIAN HENNA. Small Size	4/10 Per Tin	24/- "	40/- "
DITTO. Large Size	7/9 "	36/- "	60/- "

SHAMPOOS IN BULK FOR SALOON USE

ORDINARY HENNA SHAMPOO	In 1-lb. Tins	3/6 Per Tin	4/8 Per Tin
CAMOMILE SHAMPOO	" "	3/6 "	4/8 "

VAN WILLIAMS CO. LTD. Sales Dept.: 67 GORDON MANSIONS, LONDON, W.C.1

Available for Immediate Delivery

Chemists will be glad to hear that we can offer immediate delivery of limited reasonable quantities of Pilenta Toilet Soap.

This de luxe Soap has always held a high place in the regard of the discriminating.

Full 3-oz. Tablets, 1/3½d. retail, including purchase tax.
Wholesale, 10/- per dozen, plus 3/6 tax.

It would be wise not to delay in placing your order.

DEARBORN (1923) LTD.

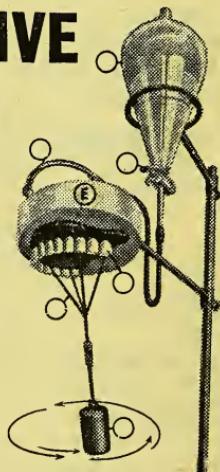
Hellidon House, Hellidon, Nr. Daventry, Northants

NEW CREAM FIXATIVE FOR FALSE TEETH

wins in scientific tests

This device was evolved to determine the comparative adhesive strength of Dentesive *Cream* fixative with well-known *powder* type fixatives. Dentesive held the weighted denture in place *nearly three times as long* as the most effective powder fixative. The Dental Profession has given Dentesive the highest endorsement. It is unquestionably the most efficient product in the fixative field. Why not satisfy your customers by supplying Dentesive?

Don S. Morand Ltd., 10/15 Chitty St., London, W.1.
Sole Distributors for Dentesive Limited.



Competitive
Products

FIXATIVE USED	HOLDING TIME RATIO
Dentesive Cream Fixative	640
Powder Type Fixative D	215
Powder Type Fixative C	170
Powder Type Fixative B	100
Powder Type Fixative A	100

Denture is held in place by each fixative in turn. Masticating conditions are simulated by a swinging weight and a flow of artificial saliva.

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Protect your Profits



You can still supply your customers with essential toilet preparations of the highest quality, at reasonable prices.

You can help your country by making your own lines, thereby releasing essential man power, essential machinery and essential factory space. At the same time you help yourself by maintaining your sales and profits and building goodwill with your own lines, which your customers will continue to use after the war.

Briccas formulae are the result of many years of experience in the manufacture of chemical preparations, and to meet the present situation, require mainly materials that are not needed for the war effort.

Briccas formulae are easy to follow and the lines illustrated can be made up in an hour or two with ordinary household utensils. No special equipment is needed.

Briccas formulae are supplied at £1 each, and if any improvement or alteration makes a new formula necessary, this is given free.

Briccas guarantee that all materials, smart gold seal labels, bottles, jars, etc., are available and can be supplied promptly from stock.

- ★ Get Briccas formulae
- ★ Build Goodwill
- ★ Maintain your Sales
- ★ Protect your Profits

BRICCAS LIMITED

4 CAVENDISH PLACE, LONDON, W.1

Telephone: LANGHAM 1183

*For the best
in
MODERN
PHARMACY*

THORNTON & ROSS LIMITED
Manufacturing Chemists
 LINTHWAITE · HUDDERSFIELD



STOCK LABELS

for COSMETICS in

All the usual wordings, and in attractive designs which combined with
NEAT EMBOSSED NAME
AND ADDRESS SLIPS
 comply with the Cosmetics Order

Write for samples of stock or
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 THE EBOR PRESS, YORK

**CURIOSITIES OF
ANCIENT PHARMACY**

No. 18

"For Pity's Sake!"

TWO thousand five hundred years ago, the Chaldeans exposed sick people in a litter by the highway in the hope that some passer-by might recognise the disease and recommend a cure.

T.R. 110

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TEA CHESTS, CARTON
WOOD BOXES
GUM TAPE

LARGE STOCKS CARRIED

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WE WILL HELP
 YOU!

ESSENTIAL

OILS

SAMPLES and
 offers on request

Soluble, emulsified, for every purpose. Practical ingredients for the Food, Soft Drink and Confectionery Industry. Special efficient preservatives to prevent rancidity and oxidation. Technical advice for all wartime problems

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Orders in Lipstick Refills accepted for delivery as and when available, under quota restrictions.



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Regent 1965-6-7

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Wholesale Only

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Cotton Wools
Boric Acid Wool
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Boric Acid Gauze
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Muslin
Triangular Bandages

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SURGICAL DRESSING MANUFACTURERS
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TELEPHONE: GREAT MOOR 3008/2/LINES) TELEGRAMS: UNDISPUTED STOCKPORT

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33/- per Gross

GARDINERS for OVERALLS



HIGH GRADE LONG OVERALL COATS

Super Quality, specially shrunk
White, 15/9, 17/9, 21/-
Khaki, 15/3, 16/-, 18/-
Coats: 3 coupons

SHOP JACKETS

Super White Drill
9/11, 11/9, 13/4
Jackets: 2 coupons
Send P.C. to Department G for illustrated list showing styles. Prices subject to alteration. State style required and we will gladly quote you. Cash with order, or usual trade references. Satisfaction guaranteed.

GARDINER & CO. (THE SCOTCH) LTD
1, 3 & 5 COMMERCIAL ROAD, LONDON, E.C.4

Phone: BIS 6751 (3 lines)
Opposite the New Aldgate East Station

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SURGICAL ELASTIC HOSIERY
Belts, Trusses, Suspensory Bandages, etc
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Knee Caps, Anklets, Jockstraps

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PERMAHEAT

ELECTRICALLY HEATED
BLANKETS and PADS

PERMAHEAT
(PERMAVOX LTD.)

11 Stevenson Square, MANCHESTER,

Announcing...

TWO NEW BRANDS BY

the Makers of the famous

'LUCIFER' Sanitary Towels

LUXAN Cotton Wool Towel Looped Size 0 1/5 per packet

 " " " " Size 1 1/7 "

 " " " " Size 2 2/- "

LUXAN "A" Type knitted Cover

Looped .. Size 1 Standard 1/8 "

MATERNITY .. Size 1 Standard 2/6 "

All the above are in packets of 10 Towels.

LUXOL Soluble Towel Looped Size 1 1/5 "
(12 Towels)



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Our biggest asset!

Goodwill can almost be called the bloodstream of retail trading . . . yet this, the biggest asset any retailer has, never has a place in the yearly balance sheet. Yet no factor contributes more to a favourable year's trading . . . and no business asset deserves to be more zealously safeguarded.



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Safeguard your goodwill . . . let us co-operate with you in supplying our tried, trusted and proved packed goods. Get in touch with us and we will send you particulars and trade terms of the most profitable and reliable range of products on the market.



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McCLURE, YOUNG & CO. LTD.

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8-oz. tins
NEW RETAIL

2/6

SELLING PRICE
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LIMITED SUPPLY ONLY

of 4-oz. tins

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(inclusive of tax)

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9/3 & 18/6 doz.



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Retail 1/6½ & 2/9 incl. Tax 10/6 & 19/6 Doz. + 16½%

Send for sample pack & bonus terms

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Rendells

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FOR FEMININE HYGIENE

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SAVES STEEL AND MONEY

FIXED
RETAIL PRICE
1/10 (Including Purchase Tax)
EACH PACKED IN A SEPARATE CARTON WITH INSTRUCTIONS FOR USE.
ATTRACTIVE WHOLESALE TERMS ON APPLICATION TO THE MANUFACTURERS.

BY MAKING ONE SAFETY-RAZOR BLADE LAST FOR HUNDREDS OF SHAVES. THESE HONES ARE MADE IN GLASS OF UNIQUE PROPERTIES WITH A SPECIALLY PREPARED SURFACE AND ARE PATENTED THROUGHOUT THE WORLD.

WOOD BROS. GLASS CO., LTD.

(DEPT. H.I.)
ESTABLISHED 1828

BARNESLEY

TELEPHONE 3637-8-9

ENGLAND

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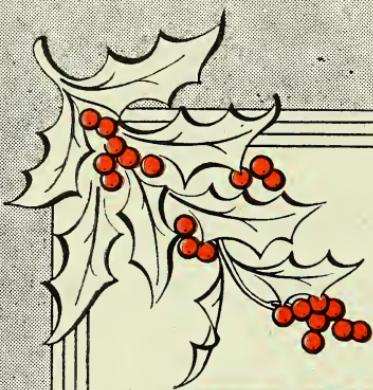
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OLEO-RESINS MEDICINAL RESINS

EXT. HYOSCYAMI SICC. P.B.

(prepared from herb grown on our
own farm)

WILLIAM RANSOM & SON
ESTABLISHED 1846 *Ltd.*
Manufacturing Chemists
HITCHIN, Herts.



BUSH

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all friends far and
near and bid them
to be of good cheer.*

W. J. BUSH & CO., LTD., LONDON, E.8, ENGLAND

SPECIALISTS IN THE MANUFACTURE OF

TABLETS & PILLS


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1860

Also . . . AMPOULES · EMULSIONS · EXTRACTS
 INFUSIONS · OINTMENTS · SUPPOSITORIES.
 PROPRIETARY AND OWN FORMULA PILLS AND TABLETS

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By Order of the Board

(Signed) C. D. WYLDE

Secretary

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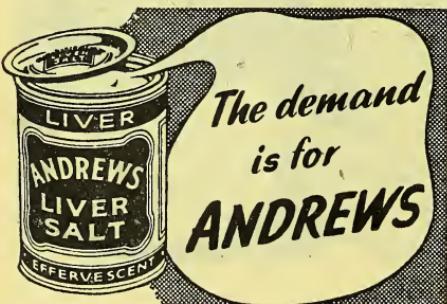
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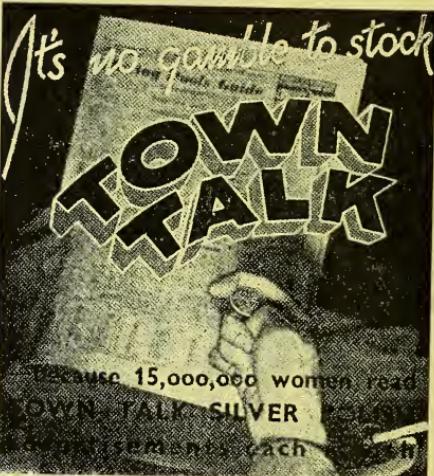


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A FAIR apportionment of our output is the goal we have set ourselves, and we ask our friends to accept our assurance that we are, as always, mindful of their needs, and are giving the best service which lies in our power, bearing in mind that priority must be given to government and export supplies.

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'Kepler' advertising is scheduled to appear in the following papers

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People's Journal
Woman's Journal
Woman's Own
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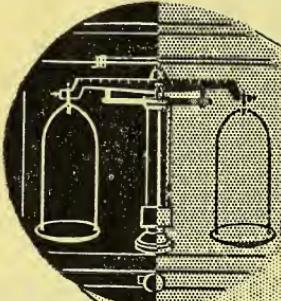


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have been introduced containing 0.05 g. ($\frac{3}{4}$ gr.), tinted pink to distinguish them from the original tablets.

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Tubes of 12 and bottles of 100.

The original **FULL STRENGTH DIAL TABLETS** are still available for full hypnotic doses.

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NEWS OF THE WEEK

Coal Tar Prices Order.—The Minister of Fuel and Power has made the Coal Tar Products Prices Order, 1942, which came into force on January 1, 1943. Parts I-IV inclusive cover price control of anthracene, naphthalene, road tar and coal tar acids, respectively. Parts I-III are very similar to S. R. & O. 1942, Nos. 733, 736, and 659, which they supersede. Part IV, which replaces the Coal Tar Acids Prices (Inland) Order, S. R. & O., 1942, No. 731, has been extended to embrace coal tar acids sold or supplied for delivery to a buyer in the United States of America. An article has been incorporated enumerating the charges which may be added to the scheduled prices in respect of coal tar acids sold for delivery in America. Minor changes have also been made in the schedules and in the methods of test. Part V covers price control of creosote oil for hydrogenation purposes. The Order will be published as S. R. & O. 1942, No. 2509.

Control of Rubber Gloves.—The supply of such gloves to hospitals and similar medical institutions, and through them to doctors, nurses and midwives for use in institutions, will continue to be controlled centrally by the Priority Officer of the Ministry of Health as at present. The number of certificates to be issued during the year 1943 will provide for maximum purchases of rubber gloves as follows: (i) for medical practitioners, six pairs; (ii) for midwives, six pairs; (iii) for district nurses not practising as midwives, four pairs; (iv) for nurses in private practice, two pairs. In the case of (i) and (ii) booklets of six certificates each are being printed for issue. For (iii) and (iv) loose certificates will be issued. So far as medical practitioners are concerned, the issue of the booklet of six certificates will again be undertaken by the Central Medical War Committee. "Supplementary rations" will be made by the Regional Offices of the Ministry.

Madagascar in Sterling Area.—A Treasury Order (S. R. & O. 1942, No. 2626) has been made under the Defence (Finance) Regulations, bringing Madagascar and its dependencies into the sterling area.

Presentation.—Birkenhead and Wirral Pharmacists' Association recently presented a leather pocket book to Mr. David Jenkins, who has retired from the position of Clerk to the Birkenhead Insurance Committee, an office he held for nearly thirty years.

Birmingham Pharmaceutical Association.—A meeting of the Association was held on December 2, 1942, Mr. H. Walsh (president) in the chair. The vice-president (Mr. L. H. Teare) referred to the loss recently sustained by the president in the sudden death of his wife, and a vote of sympathy with him was recorded. The president then introduced the speaker, Professor W. N. Haworth, Sc.D., F.R.S. (director of the department of chemistry, University of Birmingham), whose subject was "Vitamins, Especially Vitamin C." Dr. Haworth described how an unknown substance was brought to his notice which had been extracted from suprarenal glands, and after considerable research in the laboratories at Cambridge he found it to be ascorbic acid or vitamin C. It was soon synthesised and shortly afterwards also produced by research workers at Zurich. Attempts to synthesise most of the vitamins had been made. Vitamins A and D had been produced by the action of ultra-violet light on ergosterol obtained from yeast, and pure calciferol had subsequently been isolated. The whole of the development in nutrition since 1911 was traceable to this branch of chemistry.

MR. BUCHAN asked what possibility there was of overdoses being taken. PROFESSOR HAWORTH said this was liable only in vitamin D, which consisted of D₁, D₂ and D₃; D₃ was harmful in some cases. MR. GARDNER asked in what form vitamin P was found. The reply was that the substance was a glycoside and was just as liable to be destroyed by prolonged cooking as vitamin C when greens turned brown due to formation of a oxidase. MR. BUCHAN also asked if the presence of vitamin P was essential to the effectiveness of vitamin C. DR. HAWORTH said this point was problematical and unsolved. There could be no connexion between the vitamins and the production of carcinogenic hydrocarbons, as there were always ample sterols in the body that could be converted into these

products. MR. CREESE thought that legislation was desirable after the war to prevent a return to white flour devoid of vitamins. A vote of thanks to the speaker was proposed by MR. E. W. MANN, seconded by MR. T. H. WILSON.

Association of Pharmaceutical Employees—MR. E. Franks (president, National Association of Trades Union Approved Societies) addressed the Lancs and Cheshire Branch of the Association of Pharmaceutical Employees in Manchester recently. Dealing with National Health Insurance he paid tribute to the work of the pharmacist in maintaining an efficient service. He felt that the pharmacist had a more important part to play in future health services.

Ethical Pharmaceuticals Association.—The seventh annual meeting of the Ethical Pharmaceuticals Association was held recently in London, Mr. A. C. Henry presiding in the absence, owing to ill-health, of the chairman (Mr. W. Beckley). The audited accounts for the year ended June 30, 1942 were adopted. After the annual report had been received the following officers were elected: *Chairman*, Mr. H. R. Napp; *Vice-chairman*, Mr. G. L. Cooper; *Secretary and Treasurer*, Mr. F. G. W. Paige; *Executive Committee*, Messrs. J. Angus (Bengué & Co. Ltd.); R. F. Edkins (Organon Laboratories Ltd.); A. C. Henry (Bayer Products, Ltd.); C. W. S. Taylor (Ciba, Ltd.); and W. Beckley (Chas. Zimmermann & Co., Ltd.) *ex officio*; *Auditors*, Messrs. A. C. Henry and R. F. Edkins.

Socialist Pharmaceutical Group.—At a meeting of the pharmaceutical group of the Socialist Medical Association in London on December 6, 1942, the secretary gave an account of the group's activities from its formation to the publication of its immediate policy, "Pharmaceutical Services in War-time," which had just been printed. The following officers were then elected for the year: *Chairman*, Mr. W. S. Benjamin; *Vice-chairmen*, Messrs. Gordon Dilley and F. G. Fleming; *Secretary*, Mr. S. F. Izzard; *Propaganda Secretary*, Miss Ethel Hall. The following resolution was put to the meeting and unanimously carried: "That the pharmaceutical group of the Socialist Medical Association regard the holding of the Pharmaceutical Society's Council election in 1943 as a matter of vital necessity. Owing to the many changes which have taken place in the past three years, the Council is not now representative of the electorate. The group therefore urges that the election be held in 1943."

Rose Hips from West Lothian.—Over £52 has been paid by the manufacturers for red nettles and rose hips gathered in the county during the summer and autumn. 2½ tons of fresh rose hips sent to the collecting centre at Airdrie, 1 ton 12 cwt. was collected by the schools of West Lothian.

Aberdeen Addresses on Current Topics.—A meeting of the Aberdeen and North-Western Scottish Branch of the Pharmaceutical Society was held in Aberdeen recently, Mr. A. A. Meldrum in the chair. Mr. F. W. Adams (deputy secretary of the Society) spoke on man-power, the pharmaceutical census, recognition of foreign pharmacists, pharmacists in the Home Guard, pharmacists in the Forces, the Quinine Order, and the future of pharmacy. Dr. J. W. Tait (resident secretary in Scotland) also spoke on the Quinine Order, as well as on scarce substances. Mr. F. W. F. Bennett gave an address on National Health Insurance and the work of the Scottish Standing Committee, and Mr. W. F. Hay reviewed the negotiations of Scottish chemists with the Department of Health since the inception of the National Health Insurance Act. Mr. Tocher addressed the meeting on the standard of Scottish pharmacy. After the chairman had read a report from Mr. McNeill (convenor of the charities committee) that £64 had been collected by the branch in aid of the Mobile X-Ray Fund for Russia, the meeting closed with a vote of thanks to Mr. Adams, proposed by Mr. L. Cruickshank (vice-president).

Irish Drug Association.—Mr. F. X. Meagher (president) occupied the chair at the December, 1942, committee meeting of the Irish Drug Association. The Committee again discussed the controlled price of bread soda, and gave its considered opinion that the retail sale of any brand of sodium bicarb. is controlled by the Emergency Powers Retail Order at 4d. per lb. *ad pro rata*. The report of a meeting with provincial delegates held on November 17 was read and discussed. It was suggested that the annual meeting should be held at 2 p.m. on January 18, full details to be discussed later. A schedule of extended opening hours for Christmas week in the greater Dublin Area was agreed upon. Travel facilities as usual were to be given to employees wishing to go to their homes in the country for the holiday period. The Committee received a deputation from the Irish Union of Distributive Workers and

Clerks in connexion with a joint application to the Minister for Industry and Commerce for a standard rate of wages and bonus order: discussions are still pending. It was reported that in the Harold's Cross area of Dublin a young girl had been obtaining goods in the name of local residents; members were warned against giving credit. On the motion of Mr. G. C. O'Neill, seconded by Mr. T. C. Scott, it was unanimously agreed to make a contribution of £5 5s. to the Benevolent Fund of the Pharmaceutical Society of Ireland.

Christmas Trade in Dublin.—Despite war-time restrictions, Dublin pharmacies, particularly the larger establishments in the centre of the city, made surprisingly good displays of Christmas gift items. Sales of Christmas goods were reported slow in the early days.

Eire Film Shortage.—The shortage of photographic films is beginning to be felt in Eire. Hospitals are now only receiving slightly over 50 per cent. of their normal supplies of x-ray film, and are accordingly using x-ray apparatus only where absolutely necessary. Pharmacists are feeling the shortage of film acutely in their photographic businesses; and one chemist, advertising recently in a Dublin evening newspaper, offered to exchange razor blades for films.

I.D.A. President on Advertising.—Speaking at a meeting of the Publicity Club of Ireland in Dublin recently, Mr. F. X. Meagher (president, Irish Drug Association) declared that manufacturers in Eire were living in a fool's paradise if they allowed themselves to be misled because they were doing so well at present. He urged them, by keeping their advertising up to the optimum level, to build up a store of public confidence that would stand well to them when the lean period came.

Chemical Manufactures in Eire.—At an address given in Dublin to the University College Chemical Society, Professor John J. Dowling told how plants were being operated by the Emergency Scientific Bureau for the production of phosphorus, formalin, compressed carbon dioxide, compressed ammonia and glycerin. The ammonia was being used as a refrigerant, while formalin from methyl alcohol was in production as a general disinfectant. The manufacture of phosphorus he described as a triumph of scientific research and application in Eire, and the country's needs are being met by the plant, which has been for some time turning out a quality product.

TOPICAL REFLECTIONS

As the Year Opens

Once more you have ushered in a year with greetings, published in advance in your issue of December 26 (pp. 650-56), from the leaders of the principal organisations in or associated with pharmacy. All these messages express a heartening confidence in the outcome of the vast struggle in which civilisation is engaged, and manifest a due subordination of the problems of the drug and chemical industries, and of the trades allied to them, to the still urgent task of winning the war. The stress of this great task comes home to all of us, whatever the nature of our work, in varying ways and degrees. On p. 650 two aspects of one truth are clearly expressed—your statement that "there can be no substitute for pharmacy," and Mr. John Weir's conclusion that "the part which the retail chemist is called upon to play in this great fight is relatively a small one, yet it is one which is well worth while." Primarily the retail chemist is called upon to dispense and sell such medicines as he can obtain, with more or less satisfactory approximations to what is ordered by the prescriber or the customer. If we were to regard this function in the crude political way, by counting heads, it would no doubt be considered a small one in proportion to the total services rendered by shopkeepers of all classes; yet it is a specialised function, and cannot be duplicated. In the background of the pharmacist's daily life lies the ever-present possibility of legislative change affecting his livelihood, a probability rather than a possibility, I gather (from p. 651), in Northern Ireland.

Liaison and Timing

The message from the chairman of the Drug Trade Council, a welcome addition to your series, rightly stresses the value of "the fullest measure of co-operation" between sectional interests. High hopes are founded on the deliberations of this representative body. Much of its success will depend on the timing of its action. Misplaced timing can do serious harm. In some circumstances it can even lead to what Professor Arnold J. Toynbee, in Volume VI of "A Study of History" (1939), calls archaism or futurism, by which terms he means respectively a step back into an artificially reconstructed past or a hasty clutching at some new method. Both, as he expresses it in his epigrammatic manner,

are "attempts to break with an irksome Present by taking a flying leap out of it into another reach of the stream of Time" and both are destined to become forlorn hopes. While we may learn much from history, it is well to keep constantly in mind the force of the expression "the stream of Time." Analogies from Egypt, Greece, Rome, even from Great Britain, are helpful in a measure; but when we decide to embark on the stream—in more everyday language, to make a move—we have no exact precedent to follow. Then is the time for cool decision and inflexible will-power. The drug and chemical industry, if it knows just what it wants and can time its public activities correctly, will fully maintain its place in the community.

A New "Diary"

The new format of your "Diary and Year Book" (p. 661) was, I suppose, not altogether a surprise, for it is fifteen months since THE CHEMIST AND DRUGGIST became an octavo newspaper. Beginning as a modest booklet of 128 pages in 1869, the "Diary" enlarged its page measurement of 7 in. by 5 in. to 8½ in. by 5½ in. in 1873 to 10½ in. by 7¾ in. in 1872, and to 11½ in. by 8½ in. in the late eighteen-nineties. The oldest copy in my possession is of the 1873 issue, gilt-edged and with a brown cover. The prestige of the C. & D. even at that early date is evidenced by the fact that the contributors of signed articles include Professor Attfield and Sir William Tilden. Attfield's remarks on developments in pharmaceutical chemistry during 1870 are interesting as a record of the features then attracted a practical man of science. They are occasionally amusing; for instance, he objected to yellow glass for photographic dark rooms as giving a light "on less unpleasant than working in a London fog," and suggested the use of a solution of quinine sulphate placed between glass plates. Tilden described the gravimetric tests of the British Pharmacopoeia. One reads with a certain envy that the price of a balance to turn to one-fiftieth of a gram when each pan carried an ounce was "about £2 10s." The monthly notes included lists of country fairs, then presumably an important feature of rural life. Among well-known names appearing in the advertisement pages were those of F. Newbery Sons, William Mather, S. Maw & Son, and Robinson & Sons.

Xrayser

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

THE monthly meeting of the Council of the Pharmaceutical Society of Northern Ireland was held at 73 University Street, Belfast, on December 18. Mr. H. F. Moore, Ph.C. (president), was in the chair, and the attendance included Messrs. J. T. Nicholl (vice-president), C. Abernethy (treasurer), J. E. Connor, J.P., W. C. Tate, J. McGregor, J. Irwin, J. Donaghay, J. W. Gray, J.P., H. H. Cowzer, Dr. S. E. A. Acheson, Professor E. B. C. Mayrs, M.D., and Sir Thomas McMullan. The secretary (Mr. D. L. Kirkpatrick) was also present.

Post-war Plans

Correspondence was read from the Ministry of Home Affairs and the Ministry of Labour relating to the matter of provision for pharmaceutical apprentices and assistants on their return to civil life after demobilisation. The Ministry of Home Affairs suggested that the Council should formulate a scheme and forward it to them for consideration, while the letter from the Ministry of Labour stated that this was primarily a matter for the Imperial Government, and added that more specific information on the subject might be obtained from the corresponding organisation in Great Britain.

Use of Letters M.P.S.

Regarding the use of the letters M.P.S., THE SECRETARY stated that only two out of twenty-five members had not yet paid up, so the warning that legal proceedings would be taken had proved most effective.

Licentiates' Certificates

MR. J. W. GRAY proposed and MR. J. E. CONNOR seconded that the sealing of certificates of new licentiates should be done at the January meeting of the Council. The president was requested to ask those concerned, thirteen in number, to attend at the Society's headquarters for the purpose of receiving their certificates.

Druggists' Representative

MR. J. McDOWELL proposed and MR. J. W. GRAY seconded that the co-option of a druggists' representative should again be adjourned till the January meeting as no suitable candidate was forthcoming.

Letters of thanks from the principals of Coleraine and Magherafelt Technical Schools

for grants of £17 and £25 respectively from the Society towards the cost of technical classes for pharmaceutical apprentices were also read.

THE PRESIDENT reported that he had attended a salvage meeting in Belfast in connexion with the salvage drive and had been asked to interest chemists in this movement. The salvage committee undertook to supply chemists with receptacles for waste material. It was pointed out at the meeting that Bangor, Ballymena and Coleraine chemists had done good work in this respect.

Commissions in the Army

This matter was raised by THE PRESIDENT, who read a letter bearing on the matter from Mr. F. W. Adams (deputy-secretary of the Pharmaceutical Society of Great Britain). Mr. Adams enclosed a letter from the War Office which set forth the regulations governing such appointments and the qualifications required by candidates for them. Mr. Adams also pointed out in his letter that "pharmacists as such are not eligible for commissions but only for consideration in common with other Army personnel for the granting of non-medical commissions in the R.A.M.C."

Elections

Mr. Charles Mathews, The Medical Hall, Whitehead, and Mr. Robert Spence Adair, 5 Monaghan Street, Newry, were elected as member and associate of the Society respectively. These elections were proposed by MR. W. C. TATE and seconded by MR. J. TREVOR NICHOLL.

Standards Institution Library.—The latest information regarding the issue of new and revised British standards, of which there are at present over a thousand, may be studied in the British Standards Institution library at 28 Victoria Street, Westminster, London, S.W.1. The library is open between the hours of 10 a.m. and 5 p.m. on Mondays to Fridays and at other times by appointment. It contains also a large selection of specifications prepared by the standards bodies in Australia, New Zealand, South Africa, Canada, the United States of America, the Argentine, Sweden, France, Germany, etc.

CANADIAN NOTES

U.S. Concern Opens Canadian Factory.—The Bristol-Myers Co., of Canada, has opened a new plant in St. Antoine Street, Montreal.

Savings Stamps as Dance Tickets.—At a dance organised by an association of representatives of chemical and drug firms in Vancouver, savings stamps were sold as tickets for admission. Over 1,000 people attended.

Loose-leaf Formulary.—The British Columbia Formulary, a new edition of which has recently made its appearance, has a loose-leaf binding, allowing for the insertion of changes or additional pages. The book is divided into sections by different coloured tabs.

Cough Drops Not Considered Sweets.—The Canadian Government has given a ruling that cough drops sold and advertised for the relief of sore throats are not candy (confectionery) or a substitute for candy so far as the 30 per cent. excise tax on candy is concerned.

Vitamin Purchase for Armed Forces.—A total of 10,000,000 vitamin tablets and capsules has been purchased for Canadian Armed Forces by the Department of Munitions and Supply since the start of the war. Of the vitamin-B complex type, a special formula was prepared for the Canadian forces.

Control of Chlorine and Phenol.—Chlorine and phenol are likely to be placed under the jurisdiction of the chemical controller, according to the president of the Canadian Pharmaceutical Association, speaking recently at Toronto. Plans had been made, he said, to apportion firms with a definite percentage of their 1941 purchases.

Ban on Quinine Products.—The Dominion chemical controller in an Order announced recently has banned the use of quinine in hair tonics and patent medicines. Preparations that were ready for sale on October 1 are not affected, but the Munitions and Supply Department has announced that it has acquired the bulk of available Canadian supplies.

Ninety-one-year-old Pharmacist.—Montreal's oldest pharmacist, Mr. Charles E. Scarff, celebrated his ninety-first birthday on October 19, 1942, with a reception held at the home of a daughter in Montreal West. Present at the reception were daughters, grandchildren and one great-

grandchild. Born in Colchester, England, he went to Canada when he was a year old. He was educated in Woodstock and later attended the Toronto College of Pharmacy, where he graduated head of his class. In 1875 he entered Campbell's Drug Co., Montreal, and in 1885 opened his own pharmacy at St. Catherine, removing eventually to Sherbrooke.

10 p.m. Closing in Toronto.—The City Council of Toronto recently passed a general early closing by-law prohibiting any retail store from staying open any later than 10 p.m. on week nights and, midnight on Saturday. The reason the by-law was made to apply to all type of stores was that experience had shown in other cities the inadvisability of trying to enforce legislation for pharmacies only. In a law suit which took place three years ago it was ruled that a by-law applying to drug stores only could not be enforced. The judgment declared that under the Factories Act a drug store was deemed a collection of shops under one roof. A druggist not in sympathy with the by-law, was free to close his prescription department but remain open to sell cigarettes, soft drinks, and other merchandise not classed as drugs. A questionnaire sent to every drug store in Toronto showed that 70 per cent. of pharmacists in Toronto who answered the questionnaire favoured the 10 o'clock closing.

Standard Soap Weights.—The administrator of oils and fats for the Canadian Prices Board has announced that from November, 1942, manufacturers must show clearly on containers of their products the packed weight of all granulated powder or sprayed soap, soap chips, or flakes, washing powders, cleansers and scouring powders manufactured by them. The weight of bars of toilet and laundry soap and bar cleansers must not be changed. Continued quality of output is guaranteed by a provision forbidding any manufacturer from selling or delivering bar or packaged soaps or cleansers differing in quality from those sold during the basic price "ceiling" period of 1941. If a manufacturer improves his product and wishes to market it, he may obtain the administrator's permission to do so, but no increase in price will be allowed. In announcing the order, the administrator said it was often difficult for consumers to distinguish small variations in the sizes of cakes or packages of soap. The new regulations would remove this factor.

AMERICAN NOTES

Pharmacists to Surrender Quinine.—It is understood that the pharmacists in business in the United States, 60,000 in number, are being asked by the Government to surrender 200,000 oz. of quinine estimated to be in their possession.

No Wages Below Minimum Scale.—The Toilet Goods' Association of the United States has been refused permission by the Wage and Hour Division of the War Production Board to employ "learners" at less than the agreed minimum rates for operatives in the industry.

Factory Concentration Planned.—Concentration of production of civilian goods in relatively few factories in certain industries is being planned by the War Production Board of the U.S. It is understood that the drug and chemical industry is not likely to have such action applied.

Alcohol from Oranges.—A process for the production of alcohol from waste citrus fruit has been elaborated by the Citrus Products Laboratory of the United States Department of Agriculture. Production costs are said to be approximately two-thirds those of producing alcohol from molasses.

Tartrates from the Wine Industry.—Production of cream of tartar by the U.S. wine industry is being organised by the Beverage and Tobacco Branch of the War Production Board. The annual consumption of tartrates in the country is about 4,700,000 lb., and possible wine industry production is estimated at about 6,000,000 lb.

Reprimand for Cosmetic Hoarders.—Cosmetic distributors in the United States have been reprimanded by the chief of the Toiletries and Cosmetics Branch of the War Production Board for advising retailers to "hoard" cosmetic preparations. "We think," he concludes, "that anyone who attempts to hoard cosmetics will eventually end himself holding the bag."

Cosmetics that are also Drugs.—Some conflict has arisen in the United States between the definitions of drug and cosmetic accepted by the Food and Drug Administration and by the Treasury. The former acts on the definition given in the Food, Drug and Cosmetic Act, under which a product is a drug if any claims are made on the label that the preparation has therapeutic effects. The Treasury Depart-

ment considers a product a cosmetic if a single cosmetic claim for it is made, though all other claims may be therapeutic.

Ration K.—Several manufacturers in the drug trade have secured contracts from the United States Army to pack "ration K," the standardised packet of emergency meals to be carried by all troops. It is understood that the packet contains two biscuits, a fruit bar, a tin of meat, a stick of chewing gum, an envelope of coffee extract and another of lemon extract.

Salvage by Essential Oil Trade.—A salvage scheme has been agreed between the U.S. Government and firms in the essential oil industry. When a firm has any iron or steel scrap, non-ferrous metals, rubber, manila, rope, burlap or commercial solvents, they are passed to a junk dealer at the same time as notification is sent to the committee dealing with the particular class of goods. The committee in turn notifies the War Production Board.

New Industrial Revolution.—Addressing the annual convention of the American Chemical Society, recently, Dr. Charles Stine (adviser on research, E. A. du Pont de Nemours & Co.) claimed that fuels, metals and plastics were ready to complete the revolution in transport begun early in the century. Weights of automobiles in future might be half what they now were, power would be up, fuels might yield 50 miles to the gallon. In housing plastics, rustless steels, non-ferrous alloys, various types of composition board and synthetic finishes would all be available in profusion. Stainless steel might be a common roofing material. There would be glass that was unbreakable and glass that would float; wood that would not burn and laminations of plastics and wood that would compete with structural metals. The pre-war wonder of hosiery derived from air, water, and coal would be the forerunner of many innovations from the same source, ranging from shoes that contained no leather and window screens that contained no wire to machinery bearings that contained no metal. The amount of fertiliser chemicals that the new capacity for high-pressure synthesis of ammonia would be able to supply would be so large that the basic trends of agriculture might be changed. The manufacture of chemical rubbers, aluminium, magnesium, and a hundred other products would be at a rate many times as great as before the war.

LEGAL REPORTS

Sale of Quinine.—At Dundee, on December 24, W. K. Henderson, M.P.S., Kingsway East, was summoned for selling on December 4, one drachm of quinine. The Procurator-Fiscal said the Order was advertised and it was pointed out that quinine could only be sold on a doctor's prescription. The Sheriff Substitute admonished the defendant.

Poison in Unlabelled Container.—At Epping, Essex, recently, the Pharmaceutical Society of Great Britain summoned the Cash Domestic Store, Buckhurst Hill, for selling by retail a poison in a container not labelled in the prescribed manner, and for selling by retail a poison, contained in a proprietary article. A fine of £10 was imposed on each summons.

Failure to Disclose Formula.—At Salford City Police Court, on December 13, John Emlyn Edwards, M.P.S., Cross Lane, was summoned under the Pharmacy and Medicines Act for selling by retail a substance recommended as a medicine without having written on the label the appropriate designation of each of the ingredients, or, alternatively, of each of the active constituents. Defendant was represented by Mr. S. R. Baker, barrister, and pleaded not guilty. Mr. H. Clarke, assistant solicitor to the Corporation, prosecuting, said that Section 11 came into operation on July 1, 1942. On October 16 an inspector bought from the defendant's shop three bottles of a proprietary substance described on the label as "Cream Emulsion of Pure Cod Liver Oil combined with Improved Chemical Food." The usual formalities were observed and an analysis made by Dr. G. H. Walker, the Salford city analyst, who certified that the product contained 29.9 per cent. by weight or 32.3 per cent. by volume of cod liver oil and 1.11 per cent. by weight of mineral matter in the form of phosphates. The reference on the label to its tonic properties and the recommended dosages, constituted it as a substance recommended as a medicine, and under the section such a substance, if not comprised of products officially recognised in the British Pharmacopoeia or Codex, must have set out on the label either the ingredients or the constituents. The Stipendiary: In other words, if the constituents are in the Pharmacopoeia or Codex the official description is all you need put on the label, because the formula is standardised, but anything not official must

be set out in detail?—Mr. Clarke: That so. If it had been described as "Emulsion of Cod-Liver Oil combined with Chemical Food" that would have been sufficient provided, of course, that it contained per cent. by volume of cod liver oil at 6.8 per cent. by weight of phosphates. The names actually used are not known to the B.P. Dr. G. H. Walker, Salford city analyst said that the label did not convey to him the nature of the constituents. There were several synonyms of both the emulsion and the chemical food recognised, but they did not include the ones on this bottle. The Stipendiary said there was no reflection whatever on the defendant, except that he had not studied the Act as carefully as he should have done. The first summons was dismissed under the Probation of Offenders Act. The alternative summons was then proceeded with.

Rouge Quota Exceeded.—A £25 fine was imposed at Marylebone Police Court, London, recently, on Adele Maurice, Ltd., manufacturing chemists, Camden Town, for supplying rouge in excess of their quota, contrary to the Limitation of Supplies (Toilet Preparations) No. 2 Order, 1942. The company's sales manager, Bertram Cecil Fisher, Mill House, Sherington, Bletchley, Bucks, was fined £50 for aiding and abetting the company in that offence, and £100 for making use of invoices (for the purpose of the Limitation of Supplies Order) which were false in a material particular. Mr. Wilfred Button, prosecuting for the Board of Trade, said that the company's quota was £172, and the total value of their supplies was £218, which was £46 in excess. Mr. Fisher, the sales manager, admitted that although certain invoices showed a charge of 30s. a gross, he had been paid 18s. a gross above that price. The false invoices would affect the question as to whether the company had or had not exceeded the quota, which was based on the value of goods. Summonses against Jacob Levine, 38 Cecilia Road, Dalston, for aiding and abetting Fisher in making use of false invoices; failing to demand invoices from a seller of rouge in accordance with the Price Controlled Goods Invoices Order, 1941; failing to notify the local Price Regulation Committee that the seller had failed to furnish invoices; and failing to keep a record of a person supplying him with rouge to the value of the goods, were all adjourned.

TRADE NOTES

Closed for Stocktaking.—The premises of Bourjois, Ltd., at Queens Way, Croydon, Surrey, are closed for stocktaking until 8 a.m. on Tuesday, January 5.

Small Supplies of Soap Offered.—Cussons, Sons & Co., Ltd., Kersal Vale, Manchester 7, are in a position to meet small demands for Imperial Leather toilet and bath soaps.

Cape Aloes.—Buyers of Cape aloes and other botanical drugs, whether whole, cut or ground, are invited to get in touch with Brome & Schimmer, 4 Leather Market, London, S.E.1.

Dispensing Corks.—Rankin Brothers & Sons, 139 Bermondsey Street, London, S.E.1, owners of cork forests in Portugal, invite chemists to obtain from them their supplies of dispensing corks.

Austerity Toilet Preparations.—“The frills have gone,” state J. Grossmith & Son, Ltd., 229 High Holborn, London, W.C.1, speaking of their reduced range of toilet preparations. Available quota is being distributed fairly amongst retail and wholesale customers.

Increased Prices.—To meet increases in manufacturing costs Evan Williams Co., Ltd., 67 Gordon Mansions, London, W.C.1, have found it necessary to raise the prices of some of their specialities. The new rates are tabulated on another page.

Sharp & Dohme, Ltd., Brocket Road, Hoddesdon, Herts, have introduced a new product, Rabellon tablets, for the treatment of Parkinsonism (paralysis agitans). The preparation is a compound of belladonna alkaloids. The tablets are of 5-mg. weight and are issued in bottles of 100 and 1,000.

New Sanitary Towel Brands.—Two new brands of sanitary towels have been introduced by Henry Franc & Lauder, Ltd., 4 Chepstow Street, Manchester. These are Luxan cotton-wool, looped, sizes 0, 1 and 2, and “A” type, knitted cover, looped, size 1; and Luxol soluble, looped, size 1. Prices are given elsewhere in this issue.

Formulas for Own-name Preparations.—Formulas for toilet and other preparations for making in the pharmacy are offered at a standard price by Briccas, Ltd., 4 Cavendish Place, London, W.1, who guarantee that all materials, gold seal labels, bottles, jars, etc., are available and can be supplied promptly from stock.

Half-strength Barbiturates.—To meet a demand for a barbiturate in sedative doses for the treatment of such conditions as

restlessness, anxiety states, and disorders of cardiac rhythm, Ciba, Ltd., The Laboratories, Horsham, Sussex, have introduced half-strength Dial tablets (gr. $\frac{1}{4}$) in tubes of twelve and bottles of 100. The tablets are tinted pink to distinguish them from the original Dial tablets.

Wholesale Drug Supplies.—H. Frischmann, 1 Fenchurch Buildings, Fenchurch Street, London, E.C.3, invites wholesale inquiries for balsams, barks, crude drugs, gums and resins, roots, seeds and spices, waxes, etc. The business was established in 1893, and has thus had considerable experience in supplying pharmaceutical raw materials. Stocks are held in the provinces as well as in London.

George King & Co., Ltd., advise the trade that production of all their products, including Oatrex, Wheatrex, Emprote, Em-soups, and infant and invalid food bases, is being transferred to a factory at Stoke Newington, London, N. The company's registered offices will remain at Kingsbury Road, Kingsbury, London, N.W.9, with telephone numbers and telegraphic address unchanged. Messrs. King ask the indulgence of their customers for any delay in dealing with orders.

Grimsby Cod Liver Oil.—Fairbank Kirby (Grimsby), Ltd., Ropery Street, Grimsby, state that the following Grimsby cod and halibut oil preparations are still available: Grimsby Silver Medal brand pure cod liver oil; Grimsby 50 per cent. cod liver oil emulsion (with or without hypophosphites); malt extract with cod liver oil; malt extract with halibut liver oil; cod liver oil capsules; halibut liver oil capsules; halibut liver oil; Sun-ray balm (cod liver oil ointment); Oranjuice A-D (halibut liver oil with concentrated orange juice). Some of the products are in restricted supply, but equitable distribution is maintained.

Proprietary Articles Trade Association

Addition to Protected List.—Anzora Perfumery Co., Ltd. Anzora cream and Viola (emergency pack), 8s. 6d. doz., tax 5s. 8d. doz., inclusive retail price 1s. 7d.; subject to usual quantity terms. (There has been no increase in quota arrangements by introduction of this emergency pack.)

Alteration.—Anti-Bi-San Laboratories (distributors, Thos. Christy & Co., Ltd.). Display bonus of fourteen to doz. withdrawn since December 31.

Deletion.—L. T. Flittner (Litto Laboratories), Litto hair specialities.

COMPANY NEWS

MARIA CORDOVA (COSMETICS), LTD. (P.C.).—Capital, £300. To acquire the business of Maria Cordova carried on by Maria Montgomery as beauty specialist, manufacturer of cosmetics, etc. George R. Owen, Ivy H. Annacher (134 Bothwell Street, Glasgow), and Maria Montgomery, directors. R.O.: 58 West Regent Street, Glasgow.

BURCO PRODUCTS, LTD. (P.C.).—Registered in Dublin. Capital, £500. To carry on or act as agents for any person or company carrying on business as chemists, druggists, drysalters, importers and manufacturers of and dealers in pharmaceutical, medicinal and chemical preparations, etc. Directors not named.

KEN CHEMICAL CO., LTD. (P.C.).—Capital, £100. Manufacturers of and wholesale dealers in chemicals, drugs, toilet requisites, proprietary articles, etc. Kenneth E. White, M.P.S., and Frank J. Bell, directors. R.O.: 23 Guildhall Street, Preston, Lancs.

OCEAN IMPORT & EXPORT, LTD. (P.C.).—Capital, £1,000. Importers and exporters of and dealers in foreign and colonial produce, including spices, essential oils, waxes, pharmaceutical and medical products, etc. Directors not named. R.O.: 175 Regent Street, London, W.1.

CLARKE'S (WHOLESALE), LTD. (P.C.).—Capital £100. Manufacturing chemists and druggists, manufacturers of and dealers in surgical goods, photographic and toilet requisites and proprietary articles, etc. Robert Grimley, Stanley Heywood, and Charles P. Tatham. R.O.: 30 Park Row, Nottingham.

SOUTH HYLTON DRUG STORES, LTD. (P.C.).—Capital £100. Wholesale or retail druggists, etc. William Nimmo and Dorothy Cavanagh, directors. R.O.: 20 Railway Terrace, South Hylton, nr. Sunderland.

VICTOR BLAGDEN & CO., LTD., Marlow House, Lloyd's Avenue, London, E.C.3.—Messrs. H. G. Piper, W. H. Bailey and R. S. Walde have joined the board.

WINDING-UP ORDER.—Gnome Photographic Products, Ltd., 8 Plymouth Street, Cardiff, December 1.

VOLUNTARY WINDING-UP.—“The London Gazette,” December 4, notifies that Rexol Products, Ltd., is being voluntarily wound up. Mr. R. G. Davey, 78 Old Broad Street, London, E.C.2, is appointed liquidator.

PARLIAMENTARY NEWS

Torches for No. 8 Batteries.—Sir T. Moore asked the President of the Board of Trade on December 16 why torches requiring No. 8 batteries were allowed to be manufactured and put on the market, since there was now a widespread shortage of the necessary batteries and no indication of the supply being increased.

Captain Waterhouse: The manufacture of torch and lamp cases designed to hold No. 8 batteries has been totally prohibited since September 7. The sale of manufactured torch cases is not subject to restriction or control.

Seats for Shop Assistants.—Mr. E. Walkden asked the Home Secretary on December 17 whether he would take steps to ensure that, after the war, the seats provided in shops for shop assistants should, in fact, be available for all assistants and that managements should no longer be able to penalise assistants who used them. Mr. H. Morrison replied that no representations on this matter had of recent years been made to his Department, but when an opportunity arose for any general review of the provision of the Shops Acts, this question might properly be included in such review.

Vitamin Preparations.—Sir P. Hurd questioned the Parliamentary Secretary to the Ministry of Food on December 16 as to what steps, apart from the provision of priority milk, were being taken to offset deficiencies of pasteurised milk. Mr. Mabane's reply was that, prior to December 1, the scheme for the distribution of vitamins had been limited to children. It was then extended to expectant mothers, but no information was yet available as to the number who had applied for the vitamin preparations being distributed by the Department. It was not correct to say that the vitamins were being issued in order to offset the deficiency of pasteurised milk. Sir P. Hurd also put a question about vitamin E. Mr. Mabane replied that experts were not in agreement about the influence of vitamin E on human fertility. There were no grounds for supposing bread inadequate in respect of this vitamin.

CLOSED ON SATURDAYS.—Advertisers and subscribers are reminded that owing to war conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2, is closed on Saturdays until further notice. Urgent instructions relating to advertising and subscriptions should be sent to the C. & D., 17 Argyle Street, Bath, Somerset.

PERSONALITIES

MRS. JOHANNA P. D'ARCY, L.P.S.I., 178
Ulster Avenue, Dublin, has been
appointed pharmacist to the Children's
Hospital, Temple Street, Dublin.

DR. A. N. DRURY, F.R.S. (Huddersfield) lecturer in Special Pathology, University (Cambridge), succeeds Sir John Ledingham March 31 as director of the Lister Institute of Preventive Medicine.

Mr. ALEXANDER DUNBAR, Ph.D., B.Sc. (James Dunbar, Ltd., aerated water manufacturers and chemists, 76 Albion Road, Edinburgh), has been admitted a member of the Edinburgh Merchant Company.

MR. OSBOURNE R. HATRICK, formerly for a whole of his business life with W. & R. H. H. Ltd., manufacturing chemists, Glasgow (he retired in 1937), has been appointed chairman of governors of the Glasgow and West of Scotland College of Domestic Science. He has been a governor of the College since 1927.

MR. F. E. TRUSCOTT (Hearer, Ltd., Chemists, Plymouth) was unanimously elected Worshipful Master, Fortitude Lodge of Freemasons, No. 66, at the Davie Freemasons Hall, North Hill, Plymouth, December 16. He is to be installed by Major Chambers, M.C., P.G.D.Eng. (City Hospital), in the absence of the present W.M. war service.

MARRIAGES

ELLIOTT—MITCHELL.—At Barrow-in-
ness, on December 10, James Oswald
Elliott, M.P.S., 70 Park Avenue, Barrow-
Furness, to Mary Ovens Mitchell, M.P.S.,
Meigle Street, Galashiels.

DEATHS

BASTIDE.—Recently, Mr. Ernest Bastide, P.S., Bridlington Street, Hunmanby, Yorkshire, aged sixty-seven.

BRUCE.—At the Royal Masonic Hospital, London, recently, Mr. George Bruce, P.S., West Road, Westcliff-on-Sea, aged forty-one.

CHAPMAN.—At Alford, Lincs, recently, Mr. John Chapman, chemist and druggist, aged seventy-four.

CHRISTIE.—Recently, Mr. James Christie, chemist and druggist, 4 Sudbrooke Road, London, S.W.12. Mr. Christie passed the final examination in 1872.

DALTON.—Recently, Mr. Edwin Tapscott Dalton, chemist and druggist, Seaview Road, Brightlingsea, Essex. Mr. Dalton passed the Minor examination in 1885.

DAVIES.—Recently, Mr. Charles Sidney Davies, M.P.S., 12 West Street, Havant. Mr. Davies qualified in 1899.

REID.—At 48 Dutchie Terrace, Aberdeen, on December 16, Mr. George Reid, M.P.S. Mr. Reid was well known in Aberdeen, having conducted his chemist's business at 471 Great Western Road, in the Manno-field district, for the past thirty-four years. He is survived by his widow and his son, Mr. George Reid, who assisted his father until the outbreak of war. He is at present in Aberdeen Police War Reserve.

TRANMER.—On December 18, after a brief illness, Mrs. S. A. Tranmer, the wife of H. M. Tranmer, M.P.S., Smethwick.

WEBSTER.—Recently, Mr. Bertram Webster, M.P.S., 57 Kensington Gardens Square, London, W.2, aged sixty-six.

RECENT WILLS

MR. HENRY GEORGE STACEY, M.P.S.,
The Rectory House, Lidgate, Suffolk, who
died on September 30, left £18,836, with
net personalty £18,681.

MR. FREDERICK FOX, 2 Prospect Place, Pocklington, Yorks, retired chemist, who died on October 9, left £11,413, with net personality £11,321.

MR. GEORGE WILLIAM HALKYARD, M.P.S.
153 Lawsons Road, Thornton-le-Fylde,
Lancs, who died on September 22, left
£9,831, with net personality £8,081.

MISS MARGARET FRANCES ADAMS, M.P.S.,
Wyndham House, 1 Wyndham Street,
Brighton, who died on August 23, left
£8,246, with net personalty £8,127.

MR. THOMAS ALEXANDER PALFREY, M.P.S., Carnaughton, Alva, Clackmannan-shire, who died on June 22, left personal estate in Great Britain valued at £12,928.

MR. WILLIAM AUSTIN, 138 Drymer Road, Bearsden, Dumbartonshire, Scotland, formerly with Corry & Co., London, who died on September 1, left £1,045 with net personality £947.

MR. WILLIAM LUTY WELLS, M.P.S.,
342 Langley Road, Slough, formerly of
65 High Street, Yiewsley, Middlesex, who
died on July 25, left £12,222, with net
personalty £7,740.



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Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire

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The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper or described in its editorial columns should not be taken as an indication that they are necessarily available for export.

The New Year

TO our Subscribers at Home and Overseas we send Greetings for 1943 and best wishes for their health and welfare. To our many readers who are at present serving with H.M. Forces we express pride and gratitude. May the Arms of the United Free Nations be blessed with speedy and complete Victory.

AN URGENT APPEAL

THE coming year is almost certain to be a momentous one in the long history of our country, and it is the paramount duty of everyone to give the fullest possible service to the war effort. The authorities advise us that the waste paper position is acute, and we make the following appeal, confident that every member of the drug trade will do his or her utmost to make up the serious deficit.

Despite the efforts made by all sections of the community, we now have a weekly deficit of several thousands of tons of waste

paper for our war needs. 100,000 tons are urgently needed to meet the immediate demands of our war factories, to supply packaging for food, medical supplies, etc., and for other essential purposes. The Waste Paper Recovery Association is convinced that this 100,000 tons of paper can be found in this country, without using the shipping so vitally needed to supply our fighting men abroad. It is realised that there is now less paper in current use, so that the paper must be found by turning out the vast accumulations still being hoarded in offices and homes throughout the country.

Business firms are asked to make a special comb out of old files, ledgers and out-of-date reference books, and to give for salvage all old records which can possibly be dispensed with. It is hoped that the Statute of Limitations will not be used too exactingly for hoarding, and that firms will apply the test of the Statute's minimum requirements.

In cases where shortage of staff makes it difficult to find the time to undertake this task, employees might be able to do some of this vital work while on fire-watching duty.

Every gun, rifle or grenade used by our fighting forces needs paper. Every ship, plane and tank requires to be fed with paper before it can do its work. Make a special effort to search in every corner to find the necessary waste paper to make good that 100,000 tons. It is urgently wanted.

Books for Men in the Forces

In a recent broadcast appeal for books and periodicals for men in the Services, the Prime Minister (Mr. Winston S. Churchill) said: "If you had seen, as I have seen on my many visits to the Forces, and particularly in the Middle East, the need for something to read during the long hours off duty and the pleasure and relief when that need is met, you would gladly look, and look again, through your bookshelves and give what you can. If you hesitate to part with a book which has become an old friend, you can be sure that it will be a new friend to men on active service." Almost any Post Office will take such books and magazines, which may be handed in unwrapped, unstamped and unaddressed.

RECENT RESEARCH

pH of Magnesia Mixture.—The theory is advanced by Holland ("American Journal of Pharmacy," 1942, I, p. 114) that a difference in behaviour of Magma Magnesiæ, U.S.P. XI according to the method of preparation is due to the presence or absence of traces of sodium hydroxide existing as either an adsorbate or a double salt. This is found in the product made by the method of double decomposition but not by that of hydration. According to this hypothesis, the protective action of the citric acid allowed by the United States Pharmacopœia is due to the formation of a buffer inhibiting the action of adsorbed sodium hydroxide.

Sterilising Sulphanilamide Powder.—The following technique of sterilising sulphanilamide powder is suggested by Salter and Morgan ("British Medical Journal," October 24, p. 482). An 8-oz. insufflator is sterilised by dry heat at 140°C., and a Seitz positive-pressure filter sterilised in an autoclave, any water of condensation being removed with acetone. Into the filter is put a solution of 20 gm. sulphanilamide in 100 c.c. acetone, which is pumped into the insufflator. The acetone is then evaporated under negative pressure, crystallisation being prevented by agitation. By alternative evacuation and release the sulphanilamide is reduced to a fine, dry, free-running powder. Samples of the powder subjected to sterility tests remained sterile after seven days' incubation.

Colorimetric Determination of Phenothiazine.—A procedure for the determination colorimetrically of small amounts of phenothiazine is described by Overholser and Yoe ("Industrial and Engineering Chemistry," 14, 8, 646). The method is based on the formation of a dark blue solution or precipitate when phenothiazine comes into contact with palladous chloride. Details of the method are given. A blue to purple solution is formed, depending upon the amount of phenothiazine added to the buffered solution containing palladous chloride. The coloured complex is completely removed if the solution is extracted with ethylacetate. In the process the colour of the complex changes, resulting in a red ethyl acetate solution. This suggests the possibility of performing the colour comparison in this medium. The red colour observed in the ethyl acetate, however, is less stable than the blue colour formed in the buffered solution and con-

sequently less suitable for colorimetric purposes. It might have some application for the qualitative detection of phenothiazine where interfering colours are present. The stability of the blue solutions, while more satisfactory than that in ethyl acetate, is not so great as might be desired for colorimetry, but by preparing the standards and unknowns at as nearly the same time as possible and comparing the colour immediately, satisfactory comparisons are obtainable. Attempts to stabilise the coloured solutions by the addition of gelatin, gum ghatti, and gum damar were unsuccessful.

Germicidal Plastics.—The Rare Metals Institute, California Institute of Technology (see "Journal of the American Medical Association," 120, 2, 127), claims to have perfected the production of self-sterilising plastics suitable for use in the making of containers or as a durable antiseptic paint. The feasibility of coating surfaces with metallic silver, which was known to have, like copper and gold, remarkable germicidal powers, was ruled out, since such surfaces are soon "disactivated" by the formation of surface films of germicidally inert compounds. To produce a surface not susceptible to disactivation, reserve silver compounds must be incorporated in a plastic material having the desired rigidity and outward diffusion rate. The only inexpensive durable substances with the required properties are certain organic resins or plastics used in the production of the newer varnishes and paints. Silver compounds can be incorporated in the unpolymerised resins or dissolved or dispersed in the solvent, and the additional incorporation of a neutral, opaque filling material helps if the germicidal surface is to be exposed to light. The resulting mixture is a viscous fluid which can be applied by brush or spray, and which hardens *in situ* by polymerisation or evaporation, forming a surface that is tasteless, odourless and resistant to mechanical wear. The quantity of contained silver varies with the intended use and desired degree of permanence, but the rate of sterilisation does not vary appreciably for the vegetative forms of different bacterial species, though spores are less readily killed. The plastic is readily applicable to metal, glass and wood surfaces or absorbed in paper or cloth. It is resistant to acids, alkalis and boiling water.

MEDICAL ABSTRACTS

Effects of Nicotine.—Johnston ("Lancet," December 19, p. 742) administered nicotine hypodermically, in doses ranging from gr. 1/50 to gr. 1/10, to thirty-five volunteers, some smokers and others non-smokers. Symptoms induced were described as "swimminess" or "muzziness"; large doses caused toxic symptoms in addition, including rapid and forcible cardiac action, vomiting and syncope. Smokers could tolerate considerably larger doses than non-smokers. Intravenous injections of gr. 1/500-1/700 induced sensations simulating those induced by inhalation of cigarette smoke. Nicotine given orally—gr. 1/15 in 5 oz. of water—also had a psychic action. After a course of eighty injections of nicotine gr. 1/50, an injection was preferred to a cigarette.

Effects of Sulphonamides.—According to Little ("Journal of the American Medical Association," 1942, 1, 467), animal experiments indicate that all members of the sulphonamide group have a toxic effect on the nervous system, the parent substance, sulphanilamide, being the least, and some of the newer derivatives the most, toxic. The toxic effects are probably an integral part of the primary effect of the drugs on all cells, bacterial or human. It has been suggested that some of the deleterious nervous and mental effects may be dependent on cerebral anoxia resulting from more ready attachment of the haemoglobin to the sulphonamide group than to oxygen. Intermittent administration of a single sulphonamide or successive administration of different sulphonamides seems to predispose to the development of toxic nervous system symptoms, possibly through a sensitisation process. A review of the clinical reports confirms, in general, the results of the animal experiments.

Papaverine in Heart Disease.—Papaverine given orally in doses of gr. 1 1/2 three or four times daily was rated by Elek and Katz ("Journal of the American Medical Association," 1936, 6, 434) highly successful in the treatment of a number of cases of anginal syndrome. Intravenously administered in doses of gr. 1 to 1 1/2, it caused a temporary abolition or reduction in the number of premature systoles, the effect lasting from two to ten minutes. It appeared to be more successful in suppressing ventricular premature beats than auricular ones. For this purpose it could be given either in divided

doses or in a continuous intravenous drip, diluted in saline or saline-dextrose solution. Orally papaverine, in doses up to gr. 3 four or five times a day, had a decided effect in eradicating or reducing the frequency of premature auricular, nodal or ventricular systoles, being in this respect comparable to quinidine. There was no contraindication to its use except possibly intravenously in complete auriculoventricular block. The conclusion is reached that papaverine is superior to quinidine because it is a potent and lasting coronary vasodilator; it may be given intravenously in large doses with a wide margin of safety; it has a mild sedative action; it is not a myocardial depressant; and it does not cause the toxic signs sometimes resulting from quinidine.

Low-pressure Treatment of Whooping Cough.—A series of experiments has been carried out by the school medical service in Berne, Switzerland (see "British Medical Journal," December 26, p. 758) to put to the test a theory (first expounded in Germany in 1939) that whooping-cough patients were much benefited by aeroplane flights at fairly high altitudes. In the present series of experiments the patients in one group were taken on flights lasting ninety minutes, of which forty were spent at a height of 11-12,000 ft. Weather conditions were found to make little difference, and of 250 patients fifty-seven (22.8 per cent.) were completely cured after one flight. Another eighty secured freedom from paroxysms within eight days. It might have been expected that similar results would accrue from exposure to the rarer atmospheres at corresponding mountain heights. The results in twenty-four cases kept for three hours at 10,000 ft. on the Jungfrau were, however, disappointing. Specially-constructed low-pressure chambers gave much more promising results and on the strength of the statistics recorded it would appear that further experimentation in this direction is more than justified. Sudden cures were effected in 31 per cent. of cases subjected to a reduced pressure, equivalent to that prevailing at 14,000 ft., for periods of thirty minutes. "Undoubted improvement" was recorded in a further 50 per cent. of the cases. The low-pressure chamber has, of course, the advantages that it is independent of weather conditions, easily controlled, and gives rise to no feelings of apprehension in the young patients.

PHARMACEUTICAL CORPS

THE following training arrangements for members of the Pharmaceutical Corps are announced. A further list will be issued as soon as local arrangements have been completed.

Central London Area.—HOSPITAL FOR WOMEN, SOHO SQUARE, W.1: Anatomy and physiology, Monday evenings, commencing 7 p.m. on January 11; first aid, Friday evenings, commencing 7 p.m. on January 15.

Northern Area.—ROYAL NORTHERN HOSPITAL, HOLLOWAY ROAD, N.7 (Casualty entrance, Manor Gardens): Anatomy and physiology, Monday evenings, commencing 7 p.m. on January 11; first aid, Thursday evenings, commencing 6.30 p.m. on January 14.

NORTH MIDDLESEX HOSPITAL, SILVER STREET, N.18: Anatomy and physiology, Monday evenings, commencing 7.30 p.m. on January 11; first aid, Thursday evenings, commencing 7 p.m. on January 14.

Southern Area.—KINGSTON COUNTY HOSPITAL, WOLVERTON AVENUE, KINGSTON: Anatomy and physiology, Monday evenings, commencing 7 p.m. on January 11; first aid, Wednesday evenings, commencing 7 p.m. on January 13.

CROYDON GENERAL HOSPITAL, LONDON ROAD, CROYDON: Anatomy and physiology, Monday evenings, commencing 7 p.m. on January 11; first aid, Wednesday evenings, commencing 7 p.m. on January 13.

Hertfordshire Area.—ST. ALBANS: OSTER HOUSE HOSPITAL: Anatomy and physiology, Monday evenings, commencing 7 p.m. on January 11; first aid, Tuesday evenings, commencing 7 p.m. on January 12.

Fees.—The fee for the complete course is £1 1s., payable to the Section Officer or the Quartermaster. (Fee covers only part of training expenses involved.)

Correspondence Course.—A correspondence course is available to members who cannot attend classes, provided that adequate arrangements are made for practical instruction. The fee for the complete course (anatomy and physiology; first aid) is £2 2s. Details can be had from the Adjutant.

Other Arrangements.—The following surgeons have agreed to act as examiners: Mr. H. A. Kidd, F.R.C.S.; Mr. Ivor Lewis, F.R.C.S. A printed syllabus of the basic training will be available shortly (price 3d.

per copy) from any Section Officer, or at the training hospitals. Provincial branch secretaries and Section Officers are asked to communicate local arrangements to the Corps Office as soon as possible.

NEW BOOKS

Spanish Handbook on British Industrial Practice and Buyers' Guide Supplement.—Price in Great Britain, 7s. 6d. In South America, 5 Argentine dollars or equivalent. British Standards Institution, 28 Victoria Street, London, S.W.1. For upwards of forty years the British Standards Institution has been collaborating with British industry in the industrial standardisation of materials and manufactured products. The progress achieved in the development and perfection of new materials, treatment and processes makes an interesting story which is told in the pages of this handbook by leading British scientists and industrialists as a tribute to Latin-American friend of Britain. The book was translated into Spanish by the British Standards Committee in the Argentine Republic. Diagrammatic illustrations are provided where necessary, and there are sixteen full-page half-tone reproductions of notable engineering and industrial achievements. Further illustrations are provided by the 250 pages of display advertisements in the Buyers' Guide, which is issued as a supplement to the Handbook.

Perfumes, Cosmetics and Soaps.—W. A. Poucher, Ph.C., 8*1*/₂ in. by 5*1*/₂ in. Chapman & Hall, Ltd., 11 Henrietta Street, London W.C.2. This standard work of reference on the technical side of the perfume industry is now issued in three volumes each of them concerned in a comprehensive manner with a practical aspect of the subject. Volume 1 (pp. 460, 30s.) deals exclusively with the raw materials for the whole industry and includes an appendix giving an account of the nomenclature of synthetic substances. Volume 2 (pp. 432, 30s.) is devoted to the production, manufacture and application of perfumes of all types and includes an interesting historical sketch on the use of cosmetics. Volume 3 (pp. 236, 25s.) is described as a treatise on modern cosmetics. A wide range of formulas and working information is provided, covering practically every requirement in this field. The presentation of the matter is well organised, the type is clear and legible, and attractive illustrations appear in each volume.

EIRE BENEVOLENT FUND DANCE

THE 1942 dance in aid of the Benevolent Fund of the Pharmaceutical Society of Ireland was held at the Gresham Hotel, Dublin, on December 8. One of the most successful functions yet organised on behalf of the Fund, the dance was completely booked up days ahead of the arranged date. The

J. Gleeson, T. J. Gleeson, M. Nicell, J. Smyth, P. C. Cahill, P. McAuliffe, G. C. O'Neill, F. J. Roche, P. G. Redmond, C. J. Staunton, M. Ryan, D. Woulfe, and P. Crowley. The large attendance included the

Lord Mayor of Dublin (Ald. P. Doyle, T.D.) and the Lady Mayoress, Messrs. John



EIRE BENEVOLENT FUND DANCE COMMITTEE AND FRIENDS.—Front row, centre, Mr. John Gleeson (president, Pharmaceutical Society of Ireland); on his left, Mr. F. X. Meagher (president, Irish Drug Association); on his right, Mr. Con Collis (chairman, dance committee).

dance has long been the outstanding social event of the season in Eire pharmaceutical circles, and this year's event was again a most representative gathering of the profession.

Dance Committee

The dance committee, of which Mr. Con Collis was chairman, provided a thoroughly enjoyable evening's dancing. The ballroom arrangements were in the hands of Mr. Malachi Leonard as M.C. At intervals spot prizes were distributed to lucky patrons, and at the close the M.C. presided over a draw for a well-stocked Christmas hamper containing a turkey, ham, wines, chocolates, and other good things. Under defence regulations the number of persons attending the dance was limited to 500, but the promoters are confident that almost double this number of tickets could easily have been disposed of. In addition to Messrs. Collis and Mr. Leonard the personnel of the Committee included Mr. D. Murphy and Miss K. O'Shea as secretaries, Mr. T. B. O'Sullivan as treasurer, the Misses M. Heraty, M. Lawlor, C. Bourke, P. Morris, C. O'Reilly, J. Collins, and Messrs. C. Batt,

Gleeson (president, Pharmaceutical Society of Ireland) and party; and F. X. Meagher (president, Irish Drug Association) and party.

A Representative Gathering

Among others present were Messrs. Con Collis and party; P. C. Cahill and party; Mr. and Mrs. C. J. Cremen; Sir Thomas Robinson and Lady Robinson; Mr. and Mrs. S. McCauley; Mr. and Mrs. E. McSweeney, Cork; Mr. and Mrs. J. K. Whelehan, Mullingar; Mr. and Mrs. J. P. Kissane, Tipperary; Dr., Mrs. and Miss Shanahan, Farranfore, co. Kerry; Mr. M. J. Parkes; Mr. and Mrs. M. Costelloe; Mr. and Mrs. Sylvester O'Farrell; Mr. and Mrs. W. R. Such; Mr. H. P. Corrigan and party; Mr. and Mrs. P. F. McGrath; Mr. and Mrs. J. Moran; Mr. and Mrs. Lyall Smith; Messrs. W. F. M. Keys; H. Kropp and party; and B. R. Smith; Mr. and Mrs. H. G. Smith and Mr. M. J. Sweeney; Mr. and Mrs. E. Allen; Messrs. J. O'Reilly, G. Daly, A. Dignan, G. Brown, B. McCluskey, M. Hannan, D. Walsh, and M. Maguire; and the Misses Murphy, Stuart, Lyons, Flynn, Sinnott, Bates and Corrigan.

DOCTORS' "URGENT" DISPENSING IN QUESTION

MR. J. T. APPLETON (a member of the Pharmaceutical Society's Council) was the speaker at a meeting of the Tees-side Branch on December 9, Mr. D'Arcy Bray in the chair. The speaker said that pharmacy staffs throughout the country were seriously depleted because four thousand pharmacists were serving in the forces; it was his opinion that the pharmaceutical service might be endangered if many further withdrawals of pharmacists from civil life took place. He urged that any queries from the Central Pharmaceutical War Committee should be referred back to district Pharmaceutical War Committees. Students when registering should, he said, get a certificate of exemption from the secretary of the Society. Mr. Appleton said the Pharmaceutical Society would always be indebted to the Tees-side Branch for inspiring pharmacy's code of ethics. He instanced how the code had already eradicated some of the evils which for long had been defaming the reputation of pharmacy and pharmacists, and went on to make a strong plea for support of the Society's War Aid Fund. The speaker advocated that there should be no further postponement of the annual election, and he was not in favour of asterisks being placed on the voting paper opposite the name of a retiring councillor. It was indeed time pharmacy held a Branch Representatives' meeting, and he looked forward to this taking place in 1943. It was his view that in time there would come a separation between present retail pharmacy and pharmacy proper, but that day was a long way off. In the future, he said, the pharmaceutical service would have to be improved.

Issues Involved in Doctors' Dispensing

He knew of one district where doctors had themselves dispensed so-called "urgent" prescriptions for such simple preparations as aspirin tablets and calamine lotion. The sum involved for this dispensing in one area was actually £700, and he revealed that, on behalf of the chemists of the area concerned, he was inquiring into the issues involved.

Question Time

At the conclusion of Mr. Appleton's address the following questions were asked: Who was responsible for instituting the recent census of pharmacy? Considering the many post-war problems confronting

pharmacy, was it wise on the part of the Council to release its chief executive office for almost full-time work elsewhere? Did the Council realise that, as a result of recent decision of Council, the whole branch system was thrown into utter confusion? At a meeting in Bradford the secretary had said that a third of the chemists' shop would be closed: Was this the opinion of the Council? What steps should a pharmacist on being called up, take to assure himself that the greatest use of his skilled service would be utilised in the forces? Before the code of ethics was altered or amended would branches be allowed to express their views? What steps were being taken to cement the relationship between pharmacists, the medical profession and the public, and was it wise for the Society to postpone indefinitely the appointment of a Public Relation Officer? Since pharmacy is denied the opportunity of an election, could not members be informed more fully of activities and voting of councillors in Council? Was it in accordance with the wishes of the Council that pharmacists should be encouraged to join another association (the British Association of Chemists) and thus accept, from a non-examining body, a certificate of registration as a chemist, and might this not lead to confusion in the future? Was the Council alive to the dangers of dilution of labour in pharmacy when young girls, etc., were permitted to "dispense" after a few weeks' training? What would be the position of "approved" foreign pharmacists after the war? Finally, what action was being taken to secure the economic interests of pharmacists on demobilisation after the war?

The questioners were Messrs. E. T. Hollings, Moffitt, Brackenbury, Murray, Kent, Hird, L. Richardson, W. Walker, etc. After Mr. Appleton had replied to the questions MR. BRACKENBURY moved a vote of thanks, and this was seconded by MR. HIRD. THE SECRETARY mentioned that, as a result of a special war-aid appeal letter sent out to members in connexion with that meeting a sum of £42 17s. had been collected; this sum was handed over to Mr. Appleton. THE CHAIRMAN referred to the illness of Mr. J. C. Thompson, and it was resolved that a message of sympathy and good wishes for his speedy recovery should be sent to him from the meeting.

TRADE MARKS

(From "The Trade Marks Journal,"
December 2, 1942)

"SKY HIGH"; for toilet articles and preparations (3). By J. Grossmith & Son, Ltd., 29 Newgate Street, London, E.C.1. 619,701.

"CARIRAD"; for soaps and cosmetics (3). By Caria Radium, Ltd., 131 Regent Street, London, W.1. 620,486.

"RADA"; for soaps, perfumes, talcum toilet powder, face toilet powder, non-medicated face cream, essential oils, hair lotions, brilliantines, dentifrices (not medicated) and cosmetic ingredients for baths (3). By The London & Colonial Export Co., Ltd., 39 Shaftesbury Avenue, London, W.1. 620,730 (Associated).

"ESADEX" and "ESADOL"; for pharmaceutical preparations for human and veterinary use, and sanitary substances (5). By Southon Laboratories, Ltd., 88 Upper Richmond Road, London, S.W.15. 620,721-22 (Associated).

"CETABRO"; for all goods (5). By Imperial Chemical (Pharmaceuticals), Ltd., Wexham Road, Slough, Bucks. 620,755.

Design of Dutch skater falling on ice; for all goods (5). By Brook, Parker & Co., Ltd., Ashfield, Horton Road, Bradford. 620,808. "EMBEX"; for pharmaceutical preparations for treatment of headache (5). By Villa Laboratories, Ltd., 78-80 Boundary Lane, Liverpool, 6. 620,867.

"BIDU"; for non-alcoholic beverages and preparations for making same (32). By Orange-Crush Co., 318 West Superior Street, Chicago, U.S.A. 618,105.

"LUCOZATE"; for medicated tonic food beverages (5), and for non-alcoholic drinks and preparations for making same (32). By Lucozade, Ltd., Macleans Corner, Great West Road, Brentford, Middlesex. 620,370-71 (Associated).

"HARCOMALT"; for preparations principally of malt extract for making non-alcoholic beverages (32). By C. R. Harker, Stagg & Morgan, Ltd., 1-5 Emmott Street, London, E.1. 620,605.

SPECIFICATIONS CANCELLED

By The Wellcome Foundation, Ltd. No. 36,154 cancelled in respect of medicated soap. No. 36,155 cancelled in respect of all goods except tea, essences and powders for making mineral waters, and sweetening materials. No. 225,812 cancelled in respect of all goods except photographic chemical preparations. No. 225,813 cancelled in respect of all goods except veterinary preparations (other than soap) and compounds for sterilising water. No. 225,814 cancelled in respect of all goods except printed publications. No. 251,285 cancelled in respect of all goods except surgical dressings and fitted first aid outfits. Cancelled, Nos. 225,815-16; 249,661; 251,278-84 inclusive, and 251,286-316 inclusive.

(From "The Trade Marks Journal,"
December 9, 1942)

"WINNOFIL"; "WINNOCOS"; "WINNOKIN"; for industrial chemicals (1). By Imperial Chemical Industries, Ltd., Wexham Road, Slough, Bucks. 620,639-40-42 (Associated).

"CERTICOL"; for colouring matters for food (2). By Williams (Hounslow), Ltd., 209 Hanworth Road, Hounslow, Middlesex. 620,614.

"MANATTONE"; for cosmetics, perfumery, soaps, essential oils, hair lotions and dentifrices (not medicated) (3). By Buxton Peat Co., 1 Hulme Hall Road, Manchester, 15. B 619,743.

"SILVER DAWN"; for toilet preparations (not medicated) and perfumery (3). By C. J. C. Beauty Products, 418 Staines Road, Bedfont, Middlesex. 620,203.

"RENAISSANCE"; for perfumery and cosmetics (3). By L. Scherk, 47 Carlyle Mansions, London, S.W.1. 620,320.

"OPHLIRIN"; for perfumery, cosmetics and dentifrices (not medicated). By The General Kaputine Syndicate, Ltd., The Gem Works, Chadderton, Oldham. 620,602 (Associated).

"WARNOL"; for hair preparations, perfumed soaps, perfumery, essential oils, cosmetics and dentifrices (not medicated). By S. Warnock, The Mourne Pharmacy, Greencastle Street, Kilkell, co. Down, N. Ireland. 620,742.

"FEROVITA"; for iron tonics in tablet form (5). By M. Calthorpe & Co., North British Buildings, 29 East Parade, Leeds, 1. 619,378.

"SYLTAGO"; for pharmaceutical preparations and substances for human use (5). By G. M. Hobson, 24 Newland Avenue, Hull. 620,265.

"PROGALON"; for medicated preparations for treatment of stomach and gall bladder disorders (5). By Harry Beck, 41 Cranbourn Street, London, W.C.2. 620,278.

"WORTON"; for pharmaceutical substances for human and veterinary use, sanitary substances, disinfectants, weed killers and vermin destroyers (5). By Wolverhampton Chemical Co., Ltd., Two Gates, Maidenhead Court, Maidenhead, Berkshire. 620,536 (Associated).

"KORAY" on label design; for all goods (5). By Koray, Ltd., 56 Gamage Building, Holborn, London, E.C.1. 620,611 (Associated).

Facsimile signature "MARIA SELLARS"; for pharmaceutical preparations and substances (5). By Mrs. S. A. Andrew, 277 Glossop Road, Sheffield, 10. 620,644.

"CARIRAD"; for radio-active mud for use in treatment of the skin (5). By Caria Radium, Ltd., 131 Regent Street, London, W.1. 620,851 (Associated).

"ALKA-SELTZER" on strip label design; for medicated preparations in tablet form for human use in making seltzer water for treating acidity (5). By Miles Laboratories, Inc., Corner of Myrtle and McNaughton Streets, Elkhart, Indiana, U.S.A. 620,651 (Associated).

"VOTORA"; for non-alcoholic drinks (32). By M. Calthorpe & Co., Leeds, 1. 620,966.

AUSTRALIAN SHARK-OIL INDUSTRY

PLANT for the extraction of vitamins A and D from shark livers was set up recently in Melbourne by a group of American and Australian business men. The American firm holds 50 per cent. of the capital, the remainder being held by Australian firms. Machinery for processing shark livers has been imported for the venture, and production capacity is stated to be 20,000 gall. of oil annually. At present the output is limited to about 7,000 gall. because of lack of raw materials. Last year exportation of shark livers was prohibited by the Australian Government on the ground that the entire catch was needed at home to replace cod liver oil formerly imported from Norway. This year shipment of surplus shark liver oil (about five-sixths of present production) to England and the United States in equal shares is being permitted.

COMMERCIAL NOTES

Indian Acid Production.—A plant is being erected in Delhi for the manufacture of hydrochloric and sulphuric acids.

U.S. Synthetic Chemicals.—A preliminary report by the United States Tariff Commission on sales, during 1941, of synthetic organic chemicals indicates that the volume was 50 per cent. greater than the previous record figure of 1940. The value was \$724 millions. Sales of finished coal-tar products and intermediates were actually 60 per cent. higher.

Bermuda Perfume Industry Declines.—United States Department of Commerce reports that a once promising perfume industry in Bermuda is showing a rapid decline. During the past four months the factory of one leading manufacturer of perfume has closed. A factor in this situation was lack of fixed oils in the *enfleurage* process, as these were formerly obtained from France. When the supply at hand at the outbreak of the war had been exhausted, the extraction of perfume by this process from Easter lilies, oleanders, jasmine, gardenias, and passion-flowers could no longer continue. Another factor was inability of the manufacturer to obtain necessary solvents from the United States.

Spices from the Bahamas.—According to the United States Department of Commerce plans have recently been completed

in the Bahamas to develop an export trade in certain spices and herbs, including chillies, peppers, dill, fennel, ginger, paprika, pimento, sage, thyme and turmeric. An American association of spice dealers will purchase the products grown in the Bahamas over a period of ten years at prices quoted in the United States' spice markets at the time of purchase. A Bahamas company will be formed to handle the business in the colony, and suitable guarantees for the fulfilment of the American Association's purchasing agreement will be provided. The seeds and herbs, which will be grown by local farmers, will be processed and packed in the colony, and each package will be distinctly labelled as containing Bahamas produce.

INDIAN NUX VOMICA

To compensate for the withdrawal of French Indo-China as a producer of nux vomica, India stepped up output during the period September 1, 1941, to July 1, 1942, from 1,500 long tons, plus 100-200 tons for local use, to about 2,200 tons.

Stocks of nux vomica in India are understood to be relatively small, and it was not considered that new-crop supplies would have been available before November or December, 1942. South Indian stocks in July amounted to about 550 or 600 tons, of which 300 tons was being held on the Malabar coast and the remainder in the Madras-Cocanada area. Of west-coast stocks, 200 tons had already been sold abroad; and 50 tons of the Madras-Cocanada stocks had been contracted for. Large stocks are accumulating in Bengal and Orissa in the Calcutta area, but Calcutta stocks have little influence on the export situation, overseas buyers generally preferring the South Indian product.

Demand from the United States and United Kingdom has been brisk, and shipments have kept pace with sales. Total exports from India between September 1, 1941, and July 1, 1942, are estimated at about 2,200 tons maximum (valued at approximately 976,554 rupees, or \$293,480), against the normal pre-war export figure of about 1,500 long tons. The principal marketing season for nux vomica is from November to February. Since stocks are held throughout the year, the marketing sometimes continues after February. The crop season begins in September, when the trees bear fruit, and continues until November, when the ripened fruit or nuts are collected and dried.

TRADE REPORT

spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, December 30

THE London drug and chemical markets have reopened on a quiet note after the Christmas break. With end-of-the-year stocktaking in progress, consumers have shown little inclination to do business, and trade during the past day or two has been confined to small orders for immediate requirements, and prices of most items are at the levels ruling just before the holiday. The PHARMACEUTICAL CHEMICALS markets have been quiet, with business of small importance, and with values showing few material changes. Makers' prices for the majority of products are steady. Chemically-pure GLYCERIN, B.P., is advanced in price by 5s. per cwt.; the new price applies to glycerin dispatched on and after January 1. A new schedule of prices is in operation for MANDELIC ACID and salts. In the CRUDE DRUGS markets one or two items have been in fair inquiry, but business generally remains extremely slow. A few small price changes have occurred, but important movements are lacking. Curaçao LOES has again been the subject of some inquiry, but no business appears to have resulted. ANTIMONY is unchanged. CANADA ALSAM remains in restricted supply at the rather higher price noted last week. Stocks of BENZOIN have become further depleted, but no price changes are indicated. Little demand has been noted for natural grades of CAMPHOR, prices of which are without change. CARDAMOMS are somewhat firmer in origin, but the spot price is not affected. Zanzibar CLOVES is one halfpenny per lb. dearer on the week. No interest is being taken in ERGOT. Minas IPECACUANHA is substantially dearer on spot. Some spot offers of NUTMEGS are noted. Dealers report a good demand for RHUBARB. Imported SEEDS were again quiet, with no changes in quotations. Supplies of SENEGA, except for small parcels reported in second or third hands, appear to be exhausted. CARNAUBA WAX is lower on spot. In ESSENTIAL OILS little business has passed during the week, and prices are without important change. The Ministry of Food announces no change in the existing prices of OILS and FATS allocated to primary wholesalers and large trade users for the five weeks ending January 30, 1943.

Exchange Rates on London

Values of the principal currencies are unchanged. Bank of England fixed rates: New York, 4·03 dollars; Montreal, 4·45 dollars; Buenos Aires, 17·02 paper pesos; Dutch West Indies, 7·60 florins; Lisbon, 100 escudos; Stockholm, 16·90 kroner. Free rates: Madrid, 40·50 pesetas; Chinese National dollar, 3 $\frac{1}{2}$ d.

Pharmaceutical Chemicals

ACETANILIDE.—Steady. B.P.C. crystals, 2s. 5d. per lb.; powder, 2s. 6d. per lb.

ATROPINE.—Makers' prices, as given last week (p. 656), are unchanged.

BENZOIC ACID.—May be had from makers for essential pharmaceutical and medicinal purposes at from 2s. 6d. to 3s. per lb., according to quantity.

BISMUTH SALTS.—As noted last week, makers' prices for SUBGALLATE have been advanced by twopence per lb. Current rates are as follows: Not less than one cwt., 10s. 8d. per lb.; 28 lb.—1 cwt., 10s. 11d.; 8 lb.—28 lb., 12s. 5d.; 4 lb.—8 lb., 13s. 2d.; under 4 lb., 13s. 8d. per lb. Other salts are unchanged.

BORIC ACID.—Makers' prices per ton are as follows: B.P., granulated, £60 15s.; crystal, £61 15s.; powder, £62 15s. Packed in one-cwt. bags, delivered carriage paid Great Britain, in one-ton lots and upwards.

BROMIDES.—Makers' prices for POTASSIUM are steady at the following figures:—

Quantity	In parcels of				
	1 lb.	4 lb.	7 lb.	14 lb.	28 lb.
From 1 lb. . .	s. d.	s. d.	s. d.	s. d.	s. d.
From 4 lb. . .	3 11	—	—	—	—
From 7 lb. . .	3 10	3 8 $\frac{1}{2}$	—	—	—
From 14 lb. . .	3 9	3 7 $\frac{1}{2}$	3 6 $\frac{1}{2}$	—	—
From 28 lb. . .	3 8	3 6 $\frac{1}{2}$	3 5 $\frac{1}{2}$	3 5 $\frac{1}{2}$	—
From 1 cwt. . .	3 7	3 5 $\frac{1}{2}$	3 4 $\frac{1}{2}$	3 4 $\frac{1}{2}$	3 4
1 cwt. . .	3 0 $\frac{1}{2}$	2 10 $\frac{1}{2}$	2 10 $\frac{1}{2}$	2 10	2 9 $\frac{1}{2}$
5 cwt. . .	2 11 $\frac{1}{2}$	2 9 $\frac{1}{2}$	2 9 $\frac{1}{2}$	2 9	2 8 $\frac{1}{2}$

SODIUM, 1d. per lb. extra; AMMONIUM, 3d. per lb. extra; packing extra but returnable. Net. Carriage paid in United Kingdom on minimum one-cwt. lots. Contracts over six months: each delivery against contract to be charged at schedule rates current on day of dispatch. War-emergency clause and usual re-sale terms apply.

CITRATES.—Makers' prices for POTASSIUM, B.P., in quantities of 28 lb.—1 cwt., are as follows (containers in brackets): 2s. 11d. (28-lb.); 2s. 11 $\frac{1}{2}$ d. (14-lb.); 2s. 11 $\frac{1}{2}$ d. (7-lb.); 3s. 0 $\frac{1}{2}$ d. (4-lb.); 3s. 2d. (1-lb.). SODIUM, B.P., one penny per lb. less; IRON and AMMONIUM (SCALES), B.P., threepence per lb. more.

CODEINE.—ALKALOID, in 4-oz. lots, 38s. 3d. per oz.; PHOSPHATE, in the same quantities, 31s. 3d. per oz.

GALLIC ACID.—Firm and unchanged at about 7s. 9d. to 8s. per lb. for moderate quantities.

GLYCERIN.—Basic price of chemically-pure has been advanced 5s. per cwt. as from January 1. Prices of small lots are as follows: 56-lb. tin, 99s.; 14-lb. tin, 105s. per cwt.; subject to 2½ per cent. discount, twenty-eight days.

GUAIACOLS.—CARBONATE and CRYSTALS may be had at from 13s. to 14s. per lb.

MANDELIC ACID.—New price schedules for mandelic acid salts, now in operation, are as follows: SODIUM and CALCIUM MANDELATES—4 oz., 8 oz. and 1 lb., 22s. per lb.; 4 lb., 20s. 3d.; 7 lb., 18s. 6d.; 14 lb. (in 7-lb. packages), 16s. 9d.; 28 lb. (in 7-lb. packages), 15s. per lb., net. AMMONIUM MANDELATE (50 per cent. solution)—4 oz., 8 oz. and 1 lb., 11s. 9d. per lb.; 4 lb., 10s. 9d.; 7 lb., 9s. 10d.; 14 lb. (in 7-lb. packages), 8s. 11d.; 28 lb. (in 7-lb. packages), 7s. 11d. per lb. net. Packages extra and returnable.

MERCURY IODIDES.—Makers' prices per lb. are steady, as follows: RED, less than 7 lb., 20s. 8d.; not less than 7 lb., 20s. 2d.; not less than 14 lb., 19s. 8d. GREEN, less than 7 lb., 28s. 8d.; not less than 7 lb., 26s. 2d.; not less than 14 lb., 25s. 8d. YELLOW, less than 7 lb., 28s. 1d.; not less than 7 lb., 27s. 7d.; not less than 14 lb., 27s. 1d. net, carriage paid.

POTASSIUM PERMANGANATE.—B.P. grade, in one-cwt. lots, is quoted by makers at 1s. 10d. per lb.; three-cwt. quantities are at one-halfpenny per lb. less.

SANTONIN.—Home-trade prices remain unchanged: 15 kilos and over, £46 10s.; not less than 10 kilos, £47 5s.; not less than 5 kilos, £48 5s.; less than 5 kilos, £50 per kilo, delivered free in the U.K.; 1-kilo packages free.

TANNIC ACID.—Supplies are restricted; value about 7s. 6d. per lb.

TERPINEOL.—May be had for medicinal use at from 3s. 6d. to 4s. per lb., according to quantity.

VANILLIN.—Steady, as follows: Ex clove oil or guaiacol, five cwt., 22s. 6d. per lb.; one cwt., 22s. 9d.; 56 lb., 23s.; less than 56 lb., 23s. 3d.; carriage paid in the United Kingdom.

Crude Drugs

ALOES.—There has been good inquiry for Curaçao, but no business appears to have been done; the price remains at 450s. per cwt., c.i.f. Cape, firm at 65s. to 67s. 6d. per cwt.; according to seller and quality.

ANTIMONY.—English minimum 99 per cent. regulus is quoted at £120 per ton, delivered; 70 per cent. crude, for the home trade, £100 per ton, delivered. Supplies are adequate for essential requirements.

BALSAMS.—Prices and supply position unchanged. Softish *Tolu*, on spot, 9s. 9d. per lb.; *Canada*, in short supply, 9s. per lb.; *Peru*, 8s. 6d. per lb.; *Copaiba*, B.P., unobtainable.

BENZOIN.—Demand has again been moderate but stocks are slowly becoming depleted. Ordinary grade, spot, £17 to £25 per cwt. according to holder and quality. Sumatra *almonds*, £32 to £35 per cwt.; Siam, £45 per cwt.

BUCHU.—Fair green rounds, in limited supply on spot, 6s. 3d. per lb.

CAMPHOR.—Unchanged, with business natural grades slow. Prices are as follows: Chinese, B.P., spot, 11s. 6d. per lb.; crude (92 per cent.), 10s.; Japanese slabs, 11s. Supplies of English synthetic, B.P., are understood to be available to approved buyers 7s. 6d. per lb.

CARDAMOMS.—Unchanged on the whole business slow. Aleppy green, on spot, 5s. per lb.; shipment, 5s. 6d. per lb., c.i.f. Alepseed, on spot, 6s.; shipment, 6s., c.i.f. The value of split seed remains at 5s.

CLOVES.—Zanzibar, spot, quoted a fraction higher at 1s. 6½d. per lb.; Madagascar, quoted.

DIGITALIS LEAVES.—Good-testing Portuguese leaves, on spot, 125s. per cwt.; English-grown leaves, 2s. 4d. per lb.

ERGOT.—In poor demand; values unchanged. Spot, old-crop, 5s. to 5s. 3d. per lb.; new-crop, 5s. 6d. to 5s. 9d.; shipment, Portuguese, 5s. per lb., c.i.f.

GUAIACUM.—Some drossy may be had at spot at 5s. per lb.

GUM ACACIA.—Quiet and unchanged. Kofan cleaned sorts, spot, 97s. 6d. per cwt.; afloat, 90s., landed terms; shipment, 65s. per cwt., c.i.f. Some bleached may still be had by consuming manufacturers at 145s. per cwt. ex warehouse London.

IPECACUANHA.—Good-testing Matto Grosso, on spot, 19s. to 19s. 6d. per lb., according to test and holder. Minas, B.P., dearer at 15s. 15s. 6d. per lb.; just under B.P., 14s. per cwt. Current prices for Ext. IPECAC. 110g., in Winchester quarts, are as follows: B.P., 19s. under three, 26s. per lb.; three and under 25s. 6d.; six and under twelve, 25s.; twelve and over, 24s. 6d. per lb. B.P., 1914, under the 24s. per lb.; three and under six, 23s. 6d.; and under twelve, 23s.; twelve and over, 22s. 6d. per lb., all prices net.

JALAP.—Brazilian root, 13 per cent. resin 95s. per cwt.; 16 per cent., 105s.; 19½ per cent., 130s. per cwt., ex warehouse Liverpool. Mexican root is not available.

MENTHOL.—Quiet and without quota change. Chinese, spot, 75s. to 76s. per lb.; Japanese, if available, 75s. per lb.

MERCURY.—Full particulars of current official prices, which range from £68 10s. to £69 1 per bottle for quantities over 7 lb., were given in the *C. & D.*, August 1, 1942, p. 131.

MYRRH.—In fair demand. Spot, Aden solid fully £18 per cwt.

NUX VOMICA.—Quiet spot demand Cochin; values unchanged at 42s. 6d. to 44s. per cwt., according to holder.

ORANGE PEEL.—Restricted supplies of thin-cut and bitter quarters may be had on spot at 1s. 3d. per lb. Some dried unripe oranges are available for pharmaceutical purposes at 1s. per lb., ex warehouse London.

PAPAIN.—Spot, 17s. 6d. per lb., nominal.

PEPPERS.—Maximum official price of whole white Muntok, not picked over or cleaned, is 1d. per lb., in bond; whole black Lampong, of similar grade, 5d. per lb., in bond.

PIMENTO.—Sellers on spot at 2s. 7d. per lb.; shipment prices are not quoted.

PODOPHYLLUM ROOT.—Spot supplies of *modi*, 15 per cent., are quoted at 82s. 6d. per wt.; afloat, 65s. per cwt., c.i.f.

RHUBARB.—Dealers report a good demand, with price unchanged. Rough-round, spot, 1s. 6d. to 7s. 9d. per lb., for good-quality rhizomes.

SEEDS.—No change in imported seeds; business extremely quiet. **ANISEED.**—No supplies.

ANARY.—None available. **CARAWAY.**—No supplies.

CORIANDER.—Indian, 140s. per cwt., sellers; English, quoted at 220s. **CUMIN.**—*Alta*, 160s.; Indian, 150s. **DILL.**—Spot, quoted at 190s. **FENNEL.**—Indian, 110s. per cwt.

ENUGREEK.—A few bags at 130s. per cwt.

JUSTARD.—A table of maximum prices contained in the Mustard Seed (Control and Maximum Prices) Order, 1942, was given in the *C. & D.*, November 28, 1942, p. 564.

SENEGA.—Stocks at reasonable prices seem to have been cleared.

SENNA.—Supplies are adequate, but business remains slow. Prices are as follows: Good and-picked Tinnevelly pods, 11d. to 1s. 2d. per lb.; ordinary grade, 1d. to 11d.; f.a.q., 1d. to 7½d. Hand-picked Alexandrian pods, 1s. 6d. to 6s. per lb., according to quality. Prices for leaves are as follows: Tinnevelly No. 1, 9d. to 1d. per lb.; No. 2, 7d. to 7½d.; No. 3, 5½d. to 6d. Alexandrian broken, 1s. 3d. to 1s. 4d. per lb.

SHELLAC.—Little business is passing; prices are unchanged. Spot, standard TN orange, 65s. per cwt., value; pure button, unquoted; ne orange, 240s. to 290s. per cwt. quoted.

SIQUILL.—Spot, Indian, 75s. per cwt.; Portuguese, 85s.

STROPHANTHUS.—Spot supplies of 100 per cent. Kombé seed are offered at 10s. 9d. per lb.

TRAGACANTH.—Medium grades are quoted unchanged: No. 1, white, £120; No. 2, white, 110; No. 3, white, £95; No. 4, white, £77; pale leaf, £70; amber leaf, £62; red-and-brown leaf, £38; red leaf, from £33; woody and soggy, from £17, ex store.

TURMERIC.—Madras ginger, sound quality, pot, 62s. 6d. per cwt.; wormy, spot, 60s.

WAXES.—Quiet; spot prices for CARNAUBA are lower as follows: Fatty grey, 450s. per cwt.;

halky grey, 450s.; Primeira, 545s. **BEES.**—Supplies may be had only by application through members of the Association of Merchant Distributors of Beeswax.

Essential and Expressed Oils

ANISE (STAR).—Spot price of any available supplies of genuine Red Ship, in drums, would be between 54s. and 55s. per lb.

BAY.—Spot value of small supplies would be in the region of 12s. to 13s. per lb.

BERGAMOT.—Business in any remaining supplies of genuine oil would be negotiable on the basis of 100s. per lb. Artificial substitutes from British manufacturers are at lower prices.

BOIS DE ROSE.—Spot, quoted at approximately 42s. per lb.

CAJUPUT.—Spot value is maintained at approximately 15s. 6d. per lb.

CANANGA.—Supplies are restricted, but spot value is unchanged at from 60s. to 70s. per lb., according to quantity.

CEDARWOOD.—Any small available spot supplies would cost about 9s. to 10s. per lb.

CINNAMON LEAF.—Steady on spot at between 15s. and 15s. 6d. per lb. for moderate quantities.

CLOVE.—English distillers' quotations remain at about 14s. per lb.

EUCALYPTUS.—Demand good, but supplies restricted. Spot, 70 to 75 per cent. cineole content, about 5s. 9d. per lb.

FATTY ACIDS.—The following maximum selling prices per ton have been fixed:

	Fatty acid	Distilled fatty acid
Palm oil ..	£ 36 10 0	£ 41 5 0
Castor oil, seconds ..	69 5 0	—
Coconut oil ..	44 7 6	51 5 0
Whale acid oil ..	36 17 6	44 10 0
Groundnut acid oil ..	37 7 6	44 5 0
Palm kernel oil ..	43 12 6	50 10 0
Linseed oil ..	55 12 6	64 10 0
Hardened whale oil ..	49 0 0	54 15 0

Selling prices are on a naked-ex-works basis, and brokerage (if any) is included.

GERANIUM.—The price is a matter for negotiation on the basis of about 80s. per lb. for any available supplies.

GINGERGRASS.—May be had on 'spot' at approximately 25s. per lb.

PALMAROSA.—Small supplies on spot would be worth from 32s. 6d. to 35s. per lb.

PENNYROYAL.—Good-quality oil, on spot, approximately 35s. per lb.

PEPPERMINT.—Good demand for Chinese. Spot price remains at between 90s. and 95s. per lb., according to holder.

PETITGRAIN.—In small compass on spot at from 22s. 6d. to 24s. per lb.

ROSEMARY.—Spot price would be in the region of 16s. per lb.

SASSAFRAS.—Obtainable on spot at about 19s. per lb., according to quantity.

THYME.—High-quality oil is unchanged on spot at 25s. per lb.; other grades are cheaper.

MISCELLANEOUS INQUIRIES

Dry Rot.—*A. F. N.*—Mercuric chloride (6 oz. in 1 gallon of methylated spirits) has been used, but it is not to be recommended owing to its danger to human beings. Creosote and tar oil mixtures or, where these are undesirable, a 2 to 4 per cent. solution of sodium fluoride is satisfactory. Before using these preservatives it is necessary to remove all affected wood, which should be cut away and burnt.

Crystalline Brilliantine.—*L. H.*—The difficulty in making any toilet preparations today is chiefly due to the fact that usually one or more of the ingredients of a formula are in short supply. Crystalline brilliantine could be made to the following formulas:

Spermaceti ..	500	Spermaceti ..	150
Castor oil ..	500	Castor oil ..	75
Benzooated lard	200	Olive oil ..	225
Perfume a sufficiency		Perfume a sufficiency	

Analysis of Water and Milk.—*A. P. L.*—Possibly one of the following will meet with your requirements: Thresh's "Water Analysis," Sutherland Thompson's "Testing Milk and its Products," or Teucky and Tracey's "Testing and Manufacture of Dairy Products." All good books on food analysis would cover milk and water; for example, H. E. Cox's "Analysis of Foods."

Labelling Requirements.—*J. W. M. B.*—The Labelling Order which you have in mind relates to the retail sale of any article controlled under the Limitation of Supplies (Toilet Preparations) (No. 4) Order (see *C. & D.*, October 24, p. 411). Any preparations, whether toilet or medicinal, containing a poison, must comply with the requirements of the Pharmacy Acts.

Sulphonamide Ointment.—*D. J. R.*—In America a mixture of equal parts of hydrous wool fats and vanishing cream has been employed as a basis, and in this country formulas have been published of pastes prepared with sterile liquid paraffin. Details were given in the *C. & D.*, January 24, 1942, p. 108, of cases of impetigo treated with a simple ointment of 5 per cent. sulphathiazole in soft paraffin. There is no indication of any special preparation of either of these products.

Notice.—In England, the custom in the drug trade is that the employee must give, or receive, one month's notice, and this has been upheld in the Courts. Whether the person is qualified or not does not alter the case, nor whether his wages are paid weekly or monthly. The employer can, if he chooses, give the employee a month's

salary in lieu of notice, but the employee cannot tender a month's wages in lieu of notice. If the assistant leaves his position with only a week's notice, the employer could take action in the Courts.

Paper Restrictions.—*R. T.*—Your professional price cards come within the definition of an advertising circular as laid down in the Raw Materials Paper Order, and consequently should not be distributed.

Price for Perfume.—*H. F.*—Perfumery is included among the goods which are price-controlled, consequently you must not make a greater amount (not percentage of net profit than before the war. You are, of course, allowed to include in the cost price any additional or increased items of overhead expenses of your business. One point that occurs to us is whether the purchase tax has already been included in the price you have paid for the bottles you have purchased. In that case it should not, of course, be added a second time.

Fire-resisting Solution.—*D. & R.*—We have been unable to trace any official formula for fire-resisting solutions for wooden floors, though there are several proprietary products on the market. So far as we are aware the solutions employed for rendering woodwork fire-resisting contain ammonium salts and borates. The following formula is given in "Pharmaceutical Formulas," Volume II:—

Ammonium chloride ..	15 oz.
Boric acid	6 oz.
Borax	3 oz.
Water	100 oz.

Calcium Lactate Tablets.—*B. S. C.*—According to "The Art of Dispensing" (*C. & D.* office, 11s. post free), calcium lactate can be made into tablets by the addition of 0.5 per cent. stearin and 0.5 per cent. potato starch. It is preferable to use calcium lactate in crystals for tablet making, as with the powder an unpleasant dirty grey colour results.

Camphorated Oil.—*W. C. C.*—As this product is not a poison within the meaning of the Pharmacy and Poisons Act, it is not necessary for it to be packed in a ribbed container. There have been cases of accidental poisoning by camphorated oil and for this reason it has become customary for containers distinguishable by touch to be used for packing the oil. Most manufacturers also use a label dissimilar from those used on medicines for internal use.

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<u>16 oz. Bottles</u>	<u>3/4</u>	<u>29/2 Doz.</u>
	(Inc. Tax)	(Inc. Tax)
<u>1 Gall. Tins.</u>	<u>11/8</u>	<u>each (Inc. Tax)</u>

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* "Lancet," 1942, p. 301.

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The word "Nepenthe" is registered under the Trade Marks Act, and is our exclusive property. No Substitute may be dispensed when "Nepenthe" is ordered in a prescription. "Nepenthe" comes within the regulations of the Dangerous Drugs Act, 1920.

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Tablets and Pills

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ASPIRIN

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TABLETS and PILLS

Private formulae Pills and
Tablets carefully and ac-
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possible prices.

Latest Automatic Pill Plant.

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MANUFACTURING CHEMISTS
SWINTON WORKS, MOON ST., ISLINGTON
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ANASCABEX

An entirely new treatment for Scabies

For the past twelve months the Watford Chemical Company, Ltd., has marketed a Compound Benzyl Benzoate Emulsion containing a powerful anti-parasitic thiuram compound. In the interest of national economy in supplies of benzyl benzoate, a new product is introduced under the name ANASCABEX,* which presents di-

penta-methylene-thiuram-monosulphide in a non-irritant and pleasantly perfumed liquid cream. ANASCABEX is a non-greasy preparation which is simple to apply and which offers many advantages over earlier forms of treatments for scabies, eczema, pediculosis, etc.

* Regd. Trade Mark

Bottles of 4 oz., 3/6. Hospital size—Tins of 1 gallon.

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15 YEARS OF UNPRECEDENTED SUCCESS HAVE FIRMLY ESTABLISHED **RIDDOBRON** AS THE MOST EFFICIENT TREATMENT FOR

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“OXOID”

The word “OXOID” is the trade mark of OXO Ltd., and is used in connection with their therapeutical preparations both in tablet and fluid extract form.

ORGANO-THERAPEUTICAL PRODUCTS

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“HORMONOXOID”

(Thyroid—Pituitary W.G.—Gonadic)

TABLETS

A pluriglandular preparation for the stimulation of the Endocrine Glands. Suitably prescribed in cases where the symptoms indicate a disturbance of the normal functioning of the glands. Corrects menstrual irregularities and relieves distress during the menopause.

Bottles of 25, 100, 250, 500 and 1,000 Tablets.

OXO LIMITED, Thames House, London. E.C.4



OXO LABORATORY PREPARATIONS

Cod Liver Oil in nutrition

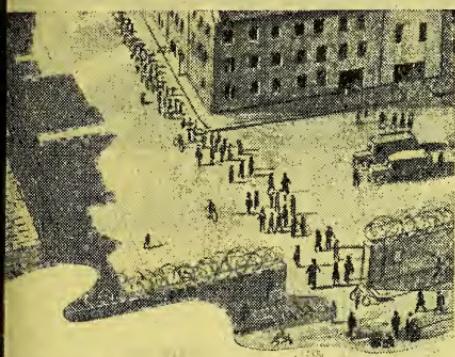
Before the war leading Medical opinion at home and abroad agreed that even then a daily teaspoonful of Cod Liver Oil was needed to supplement the diets of infants, children, adolescents, and nursing and expectant mothers. The pre-war *Report on the Physiological Bases of Nutrition*, 1936, setting down these conclusions and recommendations was endorsed by our own Ministry of Health and the British Medical Research Council.

Since the outbreak of the war the Ministry of Food have taken steps, with their Cod Liver Oil Distribution Scheme, to ensure that adequate supplies are to-day within the reach of expectant mothers and young children.

But the Ministry of Food Scheme needs the active co-operation and support of the Pharmaceutical Profession in recommending mothers to take advantage of these facilities and in getting them to appreciate the importance and value of Cod Liver Oil in prenatal care and throughout childhood and adolescence.

For those outside the scheme, and also for those who prefer freedom of choice, SevenSeaS pure Cod Liver Oil is available in all chemists' shops throughout the country. There is no shortage of SevenSeaS and its quality and purity remain unimpaired. The Pharmaceutical Profession is, however, reminded that orders should be placed at least two or three months ahead of actual needs, as the difficulties of packing and delivery are greater than ever before.

Issued by British Cod Liver Oil Producers (Hull) Ltd., St. Andrew's Dock, Hull.



Home Front . . .



For those who make the weapons, as for the men who use them, good general health is essential to maximal effort and optimal efficiency.

The common cold, so widespread and therefore liable to be accepted as a matter of course, is probably responsible for the loss of more working hours than any other single condition.

For aborting colds or curtailing their course, the Karsodrine Inhaler has proved to be signally effective. The volatile vaso-constrictor contained rapidly de-congests the swollen and inflamed *vaso mucosa*, restoring patency to the air passages, facilitating discharge of secretions, and bringing prompt symptomatic relief to the patient. The incidence of unpleasant and disabling complications such as sinusitis is notably reduced, and return to full working efficiency accelerated. Compact, safe and particularly convenient in use—there is only one cap to remove—the Karsodrine Inhaler greatly commends itself to patients.

Retail Price 1/6 (Inc. Tax)



FORMULA: Amphetamine, 0.330 grm.; Cineole, 0.093 grm.; Ol. Citronell, 0.026 grm.; Methyl Salicyl, 0.023 grm.; Ol. Cedri, 0.005 grm.; Menthol, 0.049 grm.; Ol. Eucalypt, 0.089 grm.

Apart from its assured efficacy the Karsodrine Inhaler is an excellent financial proposition. The Retail Price is 1/6d. (inc. tax), which yields up to 5/2½d. per dozen profit. This applies equally to small quantities if ordered with other "Griffith-Hughes" products.

E. GRIFFITHS HUGHES
LIMITED

A PRODUCT OF



ADELPHI, SALFORD, 3,
MANCHESTER

LABORATORIES

PA-MA
Extract can be
confidently
advised for
convalescents
and invalids

PA-MA Extract provides real nourishment in a light, easily digested form. It can therefore be recommended in case of weakness or a "run-down" condition.

PREPARED FROM PRIME BEEF AND VEGETABLES

Its piquant flavour tempts the appetite even when the patient cannot take light foods. Especially in winter, "PA-MA" is in demand as a food for convalescents or for any whose strength is "below par." Highly concentrated, PA-MA Extract can be greatly diluted . . . a small jar supplies sufficient for twenty-six cupfuls.



NO POINTS OR COUPONS REQUIRED

Retail Price 1/3d. and Economy Size 5/9d.

Get your supplies . . . NOW!

PA-MA
BEEF AND
VEGETABLE
EXTRACT

Enquiries to

Sole Consignees: A. C. FINCKEN & CO.,
Keynsham Priors, High Street,
Cheltenham, Gloucestershire.

Makers: PA-MA FOOD PRODUCTS LTD.,
Newcastle upon Tyne.

FENNINGS

FAMOUS FOR OVER 80 YEARS

GOOD DEMAND GOOD SUPPLY

FENNINGS' LITTLE HEALERS

For Coughs, Colds, Bronchitis, etc. 1/3 and 3/- glass tubes. Also 6/- Carton of 12 Packets, retailing at 6d. each.

FENNINGS' OINTMENT. Demand Steadily Increasing

For Cuts, Burns, Bruises, Chilblains, and all skin irritations.

Price 1/3 per tin.

FENNINGS' WHOOPING COUGH POWDERS

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PRICES
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Please address orders and inquiries to your Wholesaler

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are at present in short supply, owing to war conditions, but every endeavour is being made to execute orders

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We invite enquiries for

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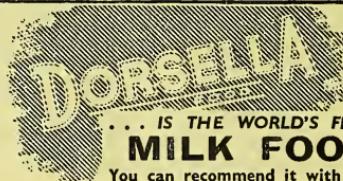
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... IS THE WORLD'S FINEST
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You can recommend it with every
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It is a Prideaux product, and shows
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80/85% B.P.

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'Grams: WYFIELD, LONDON

What unusual opportunities the pharmacist has for studying human nature! A continuous stream of customers reveal themselves to his keen perception by their purchases, their half-confidences, their hopes and fears . . .

Customers vary . . .



There's **THE MAN WITH A PAIN**—generally in his stomach. He wants relief from it and that is something you can quickly give him. But does he realise that a cup of Benger's last thing at night for a fortnight would go a long way to removing the cause of his trouble—an over-strained digestion? Possibly not, but more and more people (and normal, healthy folk as well) are being influenced by the sound sense of Benger advertisements which appear in practically every important magazine and newspaper in the country.

. . . but you can invariably
sell them —————

BENGER'S

**90% of your customers need Benger's
and are being educated to ask for it.**



Member of the
Chemists Friend
Association

Announcement



Member of the
Chemists Friend
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“ZEMS”

HERBAL LICORICE TABLETS

THE BEST MEDICATED TABLET FOR
COUGHS, COLDS, ASTHMA, BRONCHITIS, ETC.

We have now joined Chemists' Friend Association

SUPPLIES MAY BE OBTAINED FROM C.F. WHOLESALE HOUSES

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*The ideal FRUIT
Laxative*

Prunol continues to increase in public favour. It is in constant demand for children and adults. Supplies are still available for prompt delivery from all wholesale houses.

PRUNOL PROPRIETARIES LTD
Sales Dept., Northington House
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XPrunol
sells at
7⁰ & 1/5
(including tax)

Prunol
PASTILLES

**HELPING WOMEN
TO MEET
THE CHANGE**

Consistent advertising in the National Press has brought KLIMAX TABLETS to the notice of women who have been quick to appreciate the virtue of this medically approved formula. For alleviating distress during the trying "change-of-life" period KLIMAX TABLETS are invaluable. Your recommendation can be both a power for good and a promoter of prestige.

KLIMAX
BRAND
TABLETS

Retail price 3/10^½, including Tax
Trade price 27/- per doz., plus 4/6
per doz. Tax
Orders accepted only through
Wholesale Chemist Houses

BURTON RHODES & Co., Ltd.
Medical Dept. 409 Kilburn High
Road, LONDON, N.W.6

CONVOY comes through with another WINNER



Fixed
Retail Selling

Price

10½d. PER JAR

Nominal 2½ oz.

Savoury Spread

This appetising, delicious and nourishing Spread will be popular with every member of the household. It has the same high Quality and Purity maintained in all Convoy brands. This Spread will be one of your fastest selling lines. Send your enquiries to-day to

UNITED CHEMISTS' ASSOCIATION
LTD., Ucal Works, Cheltenham Spa

or

S. MAW, SON & SONS
Aldersgate House, New Barnet, Herts

Supplies will be steady—and remember,
this is another Guaranteed Convoy Product



RETAIL PRICES

INCLUSIVE OF TAX

1½ - 3½

P.A.
T.A.

Satisfaction to the Asthmatic
Goodwill to the Chemist



INTERNATIONAL LABORATORIES LTD
CHARLBURY, OXFORD • Charlbury 29

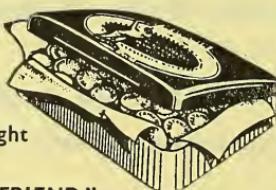
WAR-TIME STRAINS
and
WINTER AILMENTS
increase the need for

YESTAMIN
VITAMIN
YEAST TABLETS

NATIONAL
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keeps the spotlight
on this reliable
'CHEMISTS' FRIEND'
and ensures steady, profitable sales.

THE ENGLISH GRAINS CO., LTD., BURTON-ON-TRENT



.. MANOIDS ..
- NEVROIDS -
URICURE TABLETS
OCCASIONAL PILLS

THE ACTON PILL & TABLET CO. LTD
ASH VALE, SURREY,
and all Sundries Houses.

AN ANNOUNCEMENT
CONCERNING
PEROX-CHLOR
OF IMPORTANCE TO CHEMISTS

Keene's Laboratories, Limited, have entirely given up possession of the damaged premises at 287 Gray's Inn Road, London, W.C.1, and all communications should be addressed to the factory, 46/52 Elswick Road, Newcastle-on-Tyne 4. Telephone: Newcastle 34006.

The Purchase Tax on Perox-Chlor has now been reduced to 33½%, and the new retail selling prices are 1/7, 3/10, and 6/4.

**DISCOUNT TERMS**

A discount of 10% on minimum £2 parcels will be in future deducted from invoice, rendering the invoice nett 30 days. Orders value £1 and over carriage paid.

Owing to the difficulty in arranging travellers' regular calls, journey accounts are discontinued. Accounts are payable 30 days nett.

A. F. SHERLEY & CO. LTD., Boston Manor Road, Brentford, Middlesex

*There will always be an insistent demand for **SHERLEY'S DOG PREPARATIONS***

Despite the abnormal conditions prevailing, there will always be an insistent demand for Sherley's Dog Preparations as they are recognised by Owners everywhere as the True Standard of Excellence. It would therefore be wise to stock your shelves to capacity so as not to run the risk of disappointing regular customers. We, on our part, will continue to support retailers to the utmost, and maintain the fullest supplies possible.

PURCHASE TAX. The following ruling from H.M. Customs & Excise has effect from June 4th, 1942:—

SHERLEY'S COATACINE—TAX 66½%
SHERLEY'S DRY CLEANER BLOCK AND POWDER
—TAX 33½%

NEW RETAIL PRICES

COATACINE	2/3d.
DRY CLEANER PREPARATIONS	7½d.
NOFOL	1/9d. (TAX FREE)

FREE DISPLAY MATERIAL. Bold, attractive Display Cards for counter and window are supplied to all Sherley stockists, free and post free.

SOMETHING NEW!
Sucress
(TRADE MARK)

SYNTHETIC CONCENTRATED
FLAVOURING POWDER
★
ASSORTED FLAVOURS

Already selling freely in many areas.

**Supersedes
Essences** 6^d PER. PKT.
RETAIL

Special offer to Ch mists

4½ doz. Car. Paid for 18/- C.W.O.
in show box, sell for 27/-

MILNER & COKE, LTD.
11 John Penn Street, London, S.E.13

**SUPPLIES NOW
AVAILABLE
FROM STOCK**



P.R.I.
TONIC
TREATMENT

Orders for P.R.I. Tonic Treatment can now be accepted for immediate delivery either through your usual wholesaler, or direct. 3/9 retail, 2/6 wholesale, both prices inclusive of Purchase Tax.

THE PHARMACEUTICAL RESEARCH INSTITUTE, LTD.
72 Finsbury Pavement, London, E.C.2 KELvin 3301

A rapidly growing demand



Orders promptly filled

An entirely new kind of antiseptic ointment. In accordance with latest clinical research. Contains non-irritating antiseptic in a modern emulsified base.

Comparative tests by the U.S.A. 'Agar-Plate' method show germicidal qualities far superior to Carbolic Ointment, Boric Ointment and others, tested on *B. Coli*, *B. Megatherium*, *Streptococcus Faecalis* and *Staphylococcus Albus*.

White, agreeable to use, soothing. Won't stain linen. Invisible on skin. Recommended for pyogenic infections of the skin—impetigo, barber's rash, etc. For spots, minor cuts and wounds, common skin troubles.

Sold in one size only, a jar,
retailing 1/9½d. each
Purchase Tax 16½% 2½d. each

Price to public, including tax ... 2/0d.

Terms to retailers 15/- a dozen. Purchase Tax 2/6 per doz. 5% for cash with order.
(Minimum direct order 3 dozen.)

Dae Health Laboratories Ltd., 25/27, Berners St., London, W.I.

**Bigger profits for
YOU**

**Big
National
Advertising**

VALDERMA
ANTISEPTIC BALM



The CHEMIST AND DRUGGIST

SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

JANUARY 2
1943

Advertisements in this supplement must be prepaid and should reach us not later than WEDNESDAY of week of issue. Box Office numbers cost 1/- Late advertisements will be held over to following week

ROUGE BLOCKS Easily Prepared, guaranteed results. Mould 12 x 1½ in., Formula, sufficient Colour and Excipient for 16 doz., £2. 32 doz., £2 11s.

LIPSTICK COLOURS. All shades from 8/- ½ lb.

LIPSTICK CARTONS. Attractive Silver Finish. 9d. doz., 7/6 a gross; 5 gross lots, 35/- . Sample 4d. post paid.

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LONDON, N.10

Talcs, for all purposes: Chalks, French, Praecip., Amorphous, White; Kaolin, B.P., China Clay; Gums: Tragac, Arabic, Karaya; Finest White Powder; Waxes: Ceresine, Paraff, Ouricuri, Spermaceti, etc.; Soap Flakes, Green, soft (Hairdresser's, etc.); "Nosap" Foam Cleanser (Soapless): Washes anything clean; Hair, Fabrics, etc.: All raw materials. Special Quantity Price. Expert advice on Supply Difficulties. Your Wants solicited.

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Particulars—

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50 HIGH STREET, BARNET, LONDON, N.

Genuine English Lavender Flowers

Their fragrance sealed in attractive cellophane pack. 42/- per gross. Post Paid, with show cards
Sample packet 9d.

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44 MAREFAIR, NORTHAMPTON

BRUSHLESS SHAVING CREAM NON-GREASY PERFUMED

Supplied in 12 lb. containers only at the following prices—1 container 48/-, 2 for 88/-, 4 for £8 inc. tax. Carr. Paid. C.W.O. Sample Jar 6d.

F. RAWSTRON, M.P.S., Waterfoot, Lancs.

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RAW MATERIALS AVAILABLE

for the manufacture of high-class quality cosmetics:
UM ACACIA • Perfume compounds • Stearic Acid •
anolin • Beeswax • Glycerine Substitute • Talcum Powder
tearine • Almond Oil Substitute • Gum Tragacanth, etc.

Best quality products only from 1 lb. upwards.

Our salesmen can call with samples.

All enquiries welcomed.

BORYS BEAUTY PRODUCTS LTD.

RENMAR GARDENS, WILLESDEN, N.W.10
Ladbroke 0202

MASCARA BLACK ONLY (NO BRUSHES AVAILABLE)
14/6 doz., plus 66½% Purchase Tax
MASCARA DE-LUXE (WITH MIRROR AND BRUSH) 36/- doz.
Ditto (WITH MIRROR, NO BRUSH) 30/- doz., plus 66½% Purchase Tax

CREAM ROUGE Clear glass pots
19/6 doz., plus 66½% Purchase Tax
All Goods supplied by Registered Manufacturers
Send S.A.E. for Full List of Cosmetics Available
Cash with order. C.O.D. or pro forma

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18 WALTHAM AVENUE, KINGSBURY, N.W.9

WATER SOLUBLE ESSENCES

(H.D.L. Brand)

Jasmin	25/- lb.
Fougere	..	..	..	..	..	25/- lb.
Millefleurs	..	..	..	..	..	25/- lb.
Walflower	..	..	..	..	..	25/- lb.
Bouquet	..	..	..	..	..	25/- lb.
Lavender	..	..	..	..	..	24/- lb.
Lilac	..	..	..	..	..	22/- lb.
Rose	..	..	..	..	..	20/- lb.
Chrysanthemum	..	..	..	..	..	20/- lb.
Eau-de-Cologne	..	..	..	..	..	16/- lb.
Jockey Club	..	..	..	..	..	12½ lb.
Clearing Solution	..	..	..	..	..	2½ lb.

1-oz. Pomade Jars (with Bakelite Tops), 3½/- gross; (with Metal Tops), 36/- gross. 6-oz. Screw Cap Bottles, 42/- gross.

HARMAN DIETETIC LABORATORIES LTD.

109 Cricklewood Broadway, N.W.2
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We can supply from stock

ADEPS LANAЕ	LEAD ACETATE
ALMOND OIL	LACTOSE
ACETATE OF SODA	TANNIC ACID
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A. REVAI & CO. LTD.**7-8 IDOL LANE, LONDON, E.C.3**
MANSION HOUSE 6877 (4 lines)**SMART BOTTLES & JARS**2 oz. to 40 oz., with metal screw caps, also corks.
Large stocks, prompt delivery. Send stamp for list.**M.F. LTD.****4 CAVENDISH PLACE, LONDON, W.1**

For Sale. 4,620 Bottles, Ground Glass-stoppered, 48 oz., clean second-hand, packed four in a case. Strong wooden cases with absorbent earth. Price ex store Grangemouth, 8/- per case of four bottles. Possible further supply London. Apply CDB/100, London Office of this Paper.

Offers invited for **ASPIRIN TABLETS**
B.P.C. in half-million or million lots,
and **SOLID FUEL TABLETS** in half-ton and ton lots. **GEO. YAGER LTD.**,
598 Chiswick High Road, W.4.

Nail Varnish Bottles, 3-dram, square, complete with brush, 45/- gross. **Perfume Bottles**, 1 dram, with midget corks, 27/6 gross; 1½ dram, Sprinkler Neck, with bakelite screw cap, 45/- gross; 1 dram, with bakelite caps, 36/- gross. **Smelling Salt Bottles**, with jazz bakelite caps, 40/- gross. All first quality Bottles. No junk. **Willson's**, 102 Carr House Road, Doncaster.

Secondhand Plant & Machinery in stock. Tanks, Jacketed and Plain Pans, Filter Presses, Hydro Extractors, Disintegrators, Pulverisers, Ball and Tube Mills, Filtering and Separating Plant, Distillation and Condensing Plant, Refrigerators, and everything for the Chemical Works. Engines, Boilers, Electric Motors, Generating Sets, Compressors, Pumps, Fans, Blowers, Hydraulic Plant, Steel Joists, Tubes and Fittings. New Rubber Boots and Gloves, Tarpaulins, Blocks and Tackle, etc. George Cohen Sons & Co., Ltd., Wood Lane, London, W.12 and Stanningley, near Leeds.

BUSINESS OPPORTUNITIES

7/6 for 40 words or less, 7/6 for every additional word.

London Manufacturing Firm having facilities for filling liquids or semi-solids into small containers, wishes to get into touch with firms who could make use of their services. (Not paints.) Write "Filler," c/o Dixons, 43 Great Marlborough Street, W.1.

London Manufacturing Wholesalers require additional lines. Good connexions with the wholesale trade all over the country and with the wholesale and retail trade in London. Labour available for packing. Write 421/469, London Office of this Paper.

PERFUMES FOR COSMETICS

FINEST QUALITY. 100 PER CENT. STABLE

For all purposes Jasmin 9/6 oz.; 150/- lb. Lavender 10/- oz.; 150/- lb. Floral Bouquet 10/- 2 oz.; 70/- lb. For Creams only, Gardenia 10/- oz.; 150/- lb. For Bath Salts. Pine 6/- oz.; 70/- lb. Verbena 20/- 4 oz.; 45/- lb. Send stamped addressed envelope for complete list of perfumes available. Cash with order for all goods.

JOHN BRITAIN & CO.
Croydon Parade, Beckenham**EXCEPTIONAL OFFERS**

Genuine Talc
Talc Substitute **Zinc Stearate**
Mineral Oils
Essential Oils **Fatty Acids**

Bulk inquiries only

J. J. VIGON & CO.

5 Stratford Place, London, W.1

Telephone: Mayfair 8566/7

1000 GROSS 1 OZ. FLAT MEDICAL BOTTLES

Screw neck, at 10/6 per gross.

CDB/101, LONDON OFFICE OF THIS PAPER

WANTED FIRM WHO CAN UNDERTAKE COMPRESSING MEDICINAL TABLETS
up to 1" diameter, from raw materials supplied by the enquirers. CDB/104,
London Office of this Paper.

SHOP FITTING**MYERS OF OLD ST.** THE PHARMACY FITTERSALL PHARMACY FITTINGS. New and Secondhand
From the single unit to the complete Pharma
vrite, Phone or call

L. MYERS, 133-135 OLD ST., E.C.1. Phone: CLE 633

MISCELLANEOUS SALES

12/6 for 60 words or less, 1/- each additional 10 words or less

BOTTLES and Jars, various sizes. "Monocolor" cream and milk cups, 2-20 oz.; reasonable prices. Beeswax Substitute, 4s. 8d. lb.; Crystals for Bath Salts, 16s. 6d. cwt.; carriage forward. Scented Yellow Paraffin Wax; Straw-coloured Mineral Oil. Lennard Lee-Narvill & Co., Lee-Narvill Laboratories, Hull.

TECHNICAL OIL. Guaranteed Waterwhite and Odourless. 2 x 45 gallon drums available. Offered at 12s. gallon. Delivered free anywhere. Drums charged 35s. each returnable. J. Harris, Cambridge Gardens, Ladbroke Grove, London, W.1

SITUATIONS OPEN

6 for 40 words or less, 2d. for every additional word.

EMPLOYMENT OF WOMEN (Control of Engagement) ORDER 1942

In certain exceptions, women over 18 and under 31 years of age seeking Employment and Employers seeking to engage such women are now required to do so only through the local office of the Ministry of Labour and National Service or an approved employment agency.

RETAIL (HOME)

ASSISTANT (male or female) required. Permanency. Dispensing experience essential. Please state age, experience, and salary required, to Manager, Pharmacy Department, Ipswich Industrial Co-operative Society, Ltd., 38 Carr Street, Ipswich. LASGOW. Qualified Manager, either sex, required for duration for retail family business; exempt military service. Give particulars of age, experience, salary required, etc. 421/486, London Office of this Paper.

ADY, unqualified, to take charge of Chemists' Drug Floor. Permanency. Central London. Apply Lewis & Burrows, Ltd., 146 Holborn, E.C.1.

ART-TIME or Full-time Qualified Assistant required. Light duties. Would suit elderly gentle-
men's area. For full particulars apply 421/478, London Office of this Paper.

HARMACY. The Royal Arsenal Co-operative Society, Ltd., has a vacancy for a Qualified Manager. Progressive position, good conditions of employment, and no Sunday or holiday duties. Applications, stating full particulars of experience, salary required, and position under the Military Service or National Employment Order Acts to be addressed to the Staff Manager, Royal Arsenal Co-operative Society, Ltd., 113 Powis Street, Woolwich, S.E.18. Endorse envelope "Pharmacy".

QUALIFIED Chemist (male or female) to manage Branch Shop for the Emergency period; com-
mable position. Written applications, stating age and experience, to the Oldham Industrial Co-operative Society, Ltd., King Street, Oldham.

QUALIFIED Locom required immediately for some weeks. Please state age, experience, salary required, and when free, to Manager, Pharmacy Department, Ipswich Industrial Co-operative Society, 1, Carr Street, Ipswich.

QUALIFIED Chemist required to take charge of West-End Pharmacy. Permanency. Apply 2/28, London Office of this Paper.

QUALIFIED Manager, Retail, for Drug, Photo and Toilet Departments. Permanent. Hours 8 a.m. to 5 p.m., usual half-day, no Sunday or holiday work. Apply, Manager, Jarrold & Sons, Ltd., London Street, Norwich.

TAYLORS BRITISH CHEMISTS will shortly have vacancies for Qualified Managers and Assistants, male or female, in Birmingham and the Midlands, Leeds, Whitby, Liverpool, Stanley, Macclesfield, Wheatley Hill, Goldthorpe, Sunderland, Runcorn, Manchester. Apply, Retail Staff Dept., Burley Hill, Leeds, 4.

IMOTHY WHITES & TAYLORS are requiring qualified Managers as replacement for men being called up at Southampton, Alton, Coventry, Eastbourne, Worcester, Dartford, Dorking, Farnborough, etc. Good salaries, commission. Local interview arranged. Apply in the first place to Retail Drug Department, 70 Vauxhall Bridge Road, London, S.W.1.

UNQUALIFIED Man, to take control of Dispatch Department of semi-wholesale suppliers of chemical and photographic chemicals and sundries (essential works), short hours, good post. Apply Hatton Garden, E.C.1. (Holborn 1848-9.)

UNQUALIFIED Lady Dispenser required in Hertfordshire. Hours 9-6 p.m. No Sunday or half-day duty. Wages £5 per week. Permanency. Address, 30 Topstreet Way, Harpenden, Herts.

WHOLESALE

A FIRST-CLASS Salesman, used to calling upon Pharmacists, required to sell advertised C.F. proprietaries in the Home Counties. Salary plus commission and expenses. Fullest particulars in first instance to CDB/1180, London Office of this Paper.

C COMMISSION Salesmen with first-class connexion required to pioneer new Vitamin Food (not a substitute), strongly supported by advertising. 421/476, London Office of this Paper.

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LONDON Office of Manufacturing Chemists require representatives to sell Pharmaceuticals to Industrial Firms who are already customers in another branch. Knowledge of Pharmaceuticals essential. Full details first letter please. 420/449, London Office of this Paper.

MANUFACTURING Chemists require Research Chemist who has idea capable of development now or post-war. No objection to its being Chemical Production as distinct from Pharmaceutical or only partially completed. 420/435, London Office of this Paper.

REPRESENTATIVES required for Material used in manufacture of Fragrant Tonic Hair Cream, My Lady's Vanishing Cream, De Luxe Polishing Cream. Send details, territory, etc., Briccas, Ltd., 4 Cavendish Place, London, W.1.

SALESMAN required for London area by an important House manufacturing and distributing well-known proprietaries. Applicants must be exempt from National Service and have sound connexions with Retail Chemists and Stores. References must be open to closest scrutiny. Appointment carries good salary, commission and expenses. Write (replies will be treated in confidence), stating age and experience in detail to Box 769, c/o C. Mitchell & Co., 1 Snow Hill, E.C.1.

W WHOLESALE. Representative required to carry Proprietary Cold Mixture and Cough Mixture, advertised. Chemists only, on commission basis. Excellent proposition, and good offers to the Chemist. Midland and North-west territories. Write, giving particulars of territory covered and other lines carried. 421/487, London Office of this Paper.

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PHARMACIST Manager requires to purchase or get in partnership with small wholesale Chemist business, or with small Cosmetic Manufacturers; 34 years old; exempt; energetic, with initiative, able to take full control. 421/490, London Office of this Paper.

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LABORATORY Wanted. Required in West of London near Ealing, Chiswick or Richmond areas. Laboratory with accommodation for about five chemists, with or without equipment, or alternatively suitable premises which could be easily converted. Additional floor space of about 1,000 sq. ft. adjoining for Pilot plant would be an advantage. Would pay good rental for duration of war or longer or would purchase. Details to 421/479, London Office of this Paper.

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DRUG Miller, 42, wants situation, Warehouse, Counter or Mills; knowledge of roots, herbs, barks, gums and machinery. 421/477, London Office of this Paper.

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PRODUCTIVE Manager and Works Foreman; 25 years' experience in manufacturing of Fine Chemicals, Extracts and Drugs. Can take control of all plant, used to all factory routine, packing, etc. Age 45 years; good health. Available immediately. A.C. 24 Lea Road, Rye Park, Hoddesdon, Herts.

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APPOINTMENTS

ASSISTANT Pharmacist (part-time) (man or woman) required by London County Council at Leavesden Hospital, Abbots Langley, Herts. Must possess Pharmaceutical Society's qualification. Salary £130 a year plus cost-of-living addition. Hours 21 a week. Married women eligible. For application form, send stamped-addressed foolscap envelope to Medical Officer of Health (L.n.), Mental Health Services, County Hall, Westminster Bridge, S.E.1.

ASSISTANT PHARMACIST required at Epsom County Hospital, Dorking Road, Epsom. Candidates must possess M.P.S. or Ph.C. qualification. Commencing salary according to experience at a point on the grade £250 x £10—£300 p.a. plus War Bonus. Apply to Medical Superintendent.

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H. E. RYAN,
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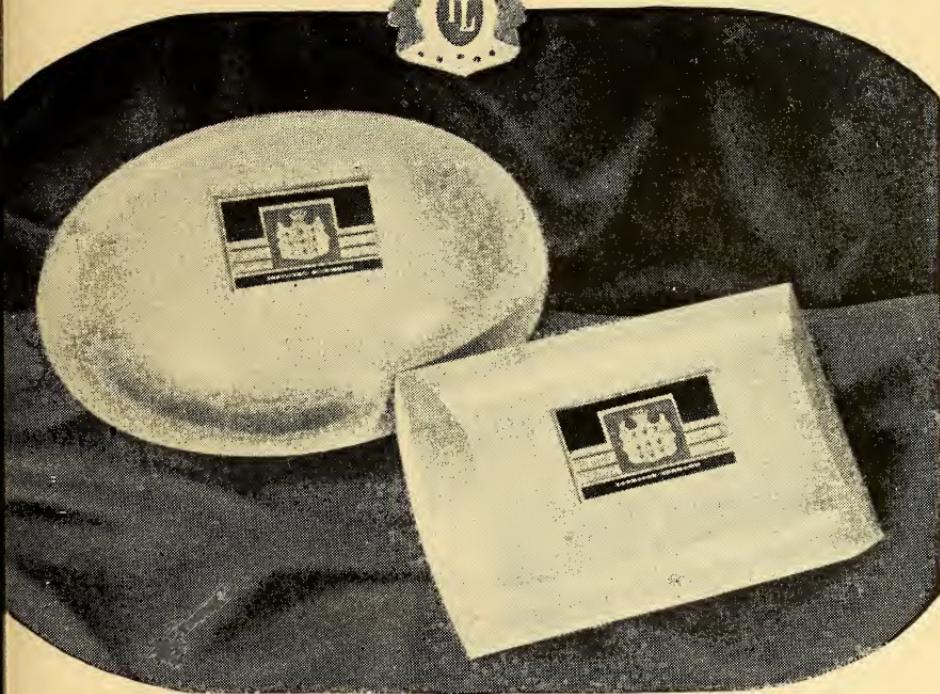
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